Prepared for



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2025 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

PLANT WANSLEY ASH POND 1 (AP-1)

Prepared by

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CERTIFICATION STATEMENT

This *2025 Annual 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.



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January 30, 2026
Date

SUMMARY

This summary of the *2025 Annual Groundwater Monitoring and Corrective Action Report* provides the status of groundwater monitoring and corrective action program for the reporting period of January through December 2025 (referred to herein as the "annual 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

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

During the 2025 annual reporting period, Geosyntec conducted groundwater sampling in February and August 2025 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.

Based on a review of the Appendix III and Appendix IV statistical results completed for the groundwater monitoring and corrective action program for the annual 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 2025	August 2026
Boron	WGWC-8, WGWC-9, WGWC-16, WGWC-20, WGWC-21, WGWC-22, WGWC-24, WGWC-25	WGWC-8, WGWC-9, WGWC-16, WGWC-20, WGWC-22, WGWC-24, WGWC-25
Calcium	WGWC-8, WGWC-20, WGWC-21	WGWC-8, WGWC-20, WGWC-21
Chloride	WGWC-8, WGWC-16, WGWC-20, WGWC-21, WGWC-24, WGWC-25	WGWC-8, WGWC-16, WGWC-20, WGWC-21, WGWC-24, WGWC-25
Fluoride	WGWC-9, WGWC-15	WGWC-8, WGWC-9, WGWC-10, WGWC-15, WGWC-19, WGWC-20, WGWC-21, WGWC-22
pH	WGWC-24	None
Sulfate	WGWC-8, WGWC-9, WGWC-16, WGWC-20, WGWC-21, WGWC-22, WGWC-24	WGWC-8, WGWC-9, WGWC-16, WGWC-20, WGWC-21, WGWC-22, WGWC-24
Total Dissolved Solids	WGWC-8, WGWC-20, WGWC-21	WGWC-8, WGWC-20, WGWC-21, WGWC-25
Appendix IV Constituent[4]	**February 2025**	**August 2026**
Beryllium	WGWC-20, WGWC-24	WGWC-20, WGWC-24
Cobalt	WGWC-24	WGWC-24
Lithium	WGWC-19, WGWC-20, WGWC-21, WGWC-28D	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
i	horizontal hydraulic gradient
K_h	horizontal hydraulic conductivity
MCL	Maximum Contaminant Level
mg/L	milligram per liter
n_e	effective porosity
NELAP	National Environmental Laboratory Accreditation Program
NTU	nephelometric turbidity units
ORP	oxidation-reduction potential
PE	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 *2025 Annual 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 December 2025 (referred to herein as the "annual 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 annual 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), with the potential exception of the vertical delineation of cobalt at WGWC-24. 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. On October 15, 2024, GA EPD issued a comment letter on the draft permit for closure by removal of AP-1 requesting installation of additional groundwater monitoring wells to enhance the detection groundwater monitoring network along the separator dike between AP-1 and the Storage Water Pond and along the south side of AP-1. Monitoring network enhancements were completed by the installation of thirteen new detection monitoring wells and the conversion of six existing piezometers to detection monitoring wells between December 2024 and March 2025. The first two of eight quarterly sampling events to establish background conditions in the new detection monitoring wells were conducted in August and November 2025. The third event is scheduled for the first quarter of 2026. 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 quarterly sampling event, one of the detection wells added to the monitoring network (WGWC-42, shown on **Figure 2**) was reclassified as an assessment well.

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. Following GA EPD nonconcurrence with the lithium alternate source demonstration (ASD) at WGWC-19, piezometers WAMW-1 and WAMW-2 were reclassified as vertical and horizontal assessment monitoring wells, respectively. After the August 2025 assessment sampling event, WGWC-8 was reclassified as a piezometer, and WGWC-8A was installed as its replacement as a requirement of the Minor Modification approval.

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 annual 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

To enhance the groundwater monitoring network at the Site at the request of GA EPD, 13 monitoring wells were installed between December 2024 and March 2025, including eight paired wells on the Separator Dike and five wells on the southern side of AP-1. The locations of the wells are shown on **Figure 2**. A well installation report that includes detailed boring and well construction logs for the installation of the new monitoring wells is provided in **Appendix A** and was submitted to GA EPD under separate cover in June 2025 (Geosyntec, 2025c). Additionally, six existing piezometers were reclassified to detection monitoring wells and added to the monitoring network.

On August 28, 2025, six piezometers (PZA1-S, PZA1-M, PZA1-D, PZA2-S, PZA2-M, and PZA2-D) were abandoned to facilitate ongoing construction activities within AP-1. A well abandonment report was submitted to GA EPD on October 22, 2025. The abandonment report is included in **Appendix A**.

On October 23, 2025, a new detection monitoring well (WGWC-8A) was installed as a replacement of WGWC-8 following GA EPD's approval of the Minor Modification to revise the AP-1 permit boundary. A well installation report that includes detailed boring and well construction logs for the installation of the new monitoring wells is provided in **Appendix A** and was submitted to GA EPD in December 2025 (Geosyntec, 2025e). The original detection monitoring well WGWC-8 was reclassified as a piezometer. Additionally, detection monitoring well WGWC-42 was reclassified as a horizontal assessment monitoring well as a requirement of the Minor Modification approval.

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 and August 2025, the networks were inspected, as documented in **Appendix B**. Necessary corrective actions were identified for wells WGWA-4 and WGWA-6 in February 2025 and were subsequently completed on June 18, 2025. In August 2025, 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 2025 semiannual assessment monitoring events were conducted in February and August 2025. The wells sampled and the dates the samples were collected at AP-1 during the annual 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 Samplings

The first two of eight quarterly sampling events were conducted in August and November 2025 at the newly designated and newly installed detection monitoring wells to establish background conditions following the monitoring network enhancements requested by GA EPD. Groundwater samples were collected from the 19 new detection monitoring wells and analyzed for the full list of Appendix III and Appendix IV parameters, except for WGWC-41, which purged dry and could not be sampled during the November event. The need for a replacement well for WGWC-41 will be evaluated following the next quarterly sampling event. 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 existing detection monitoring well network during the February 2025 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**.

The following summarizes other supplemental sampling activities conducted in 2025:

- PZ-31 was sampled for the following parameters to provide additional data on beryllium and cobalt delineation and assess groundwater flow near WGWC-24:
    - February 2025: Appendix III, Appendix IV, and select geochemical parameters
    - August 2025: Appendix III and Appendix IV parameters
- PZ-23D was sampled for the following parameters in support of ACM efforts and to evaluate lithium concentrations:
    - June 2025: Appendix III parameters, lithium, and select geochemical parameters
    - August 2025: Appendix III parameters and lithium
- PZ-32D & PZ-33D were sampled for the following parameters in support of ACM efforts and to evaluate lithium concentrations:
    - April 2025: Appendix III parameters, lithium, and select geochemical parameters
    - August 2025: Appendix III parameters and lithium
- WGWC-28D was resampled for the following parameters to further evaluate the analytical results from the August semiannual assessment monitoring event:
    - November 2025: Appendix III parameters, lithium, and select geochemical parameters

The laboratory reports associated with the data are provided in **Appendix C**.

In August 2025, PZA-2S and PZA-2M were redeveloped and subsequently sampled for future isotope analysis to support ACM efforts. Four additional 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, were sampled in November 2025 for isotope analysis to support ACM efforts. Data from these sampling events will be provided in the next semiannual groundwater monitoring and corrective action report.

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 and August 2025. 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 annual reporting period.

3.1 Groundwater Level Measurement

A synoptic round of depth-to-groundwater-level measurements were recorded from the AP-1 wells and piezometers during the February and August 2025 assessment monitoring events and used to calculate the corresponding groundwater elevations, which are presented in **Table 3**. The February and August 2025 elevations reported are generally representative of the groundwater elevations reported for prior monitoring events.

The groundwater elevation data were used to prepare potentiometric surface maps for the February and August 2025 events, which are presented on **Figures 3** and **4**, respectively. 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. During both events, the inward groundwater flow direction observed at WGWC-24, confirmed by water level measurements collected from PZ-31, were 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 and August 2025 gauging events. In February and August 2025, 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** and **4**. For the annual reporting period, the calculated average hydraulic gradient between PZ-01 and WGWC-17 is 0.087 feet per foot (ft/ft), and the average hydraulic gradient between WGWC-20 and WGWC-27 is 0.046 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 and August 2025 gauging events, the calculated average groundwater flow velocity for the annual reporting period was approximately 0.148 ft/day (PZ-01 to WGWC-17) and 0.078 ft/day (WGWC-20 to WGWC-27), for an average groundwater flow velocity in the vicinity of AP-1 of 0.113 ft/day, or approximately 41 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. Due to low groundwater levels and elevated turbidity recorded during the August 2025 event, a filtered sample was collected from WGWC-31D in addition to the unfiltered sample for comparison. 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 2025 annual reporting period are provided in **Appendix C**.

During the August and November 2025 quarterly background sampling events, WGWC-41 purged dry. The well was successfully sampled the following day during the August event; however, due to low recharge, it could not be sampled the following day during the November event. The need for a replacement well for WGWC-41 will be assessed after the next quarterly sampling event.

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 annual 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 annual 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 annual reporting period were statistically analyzed in accordance with the Professional Engineer-certified (PE-certified) Statistical Analysis Method Certification (October 2017, revised January 2020) (ERM, 2017; ACC, 2020). 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 annual reporting period:

4.2.1 February 2025 Data

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

4.2.2 August 2025 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.

4.2.3 Summary of Statistical Analyses

The SSLs identified for the annual reporting period are consistent with the 2024 annual reporting period, with following exceptions:

- The SSLs of lithium in WGWC-21 and WGWC-28D were first identified after the February 2025 sampling event.
- A statistically significant increasing trend was identified for lithium in WGWC-20 and WGWC-21.

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 ongoing.

- 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 **Figures 3** and **4**). In addition, groundwater concentrations of beryllium in PZ-31 were below the applicable GWPS for three consecutive sampling events, and in August 2025, beryllium in WGWC-24 was also below its GWPS. Statistical analysis will be completed for PZ-31 when at least four independent samples are available.

- Cobalt in WGWC-24: 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 **Figures 3** and **4**). In addition, groundwater concentrations of cobalt in PZ-31 were observed to be below the applicable GWPS during the two most recent sampling events. Based on the most current groundwater concentration reported in August 2025, PZ-26D does not vertically delineate cobalt. However, the lower limit of the calculated confidence interval for cobalt in PZ-26D remains below the GWPS following the most current sampling event. Georgia Power will monitor the cobalt concentration trend in PZ-26D and apply adaptive site management strategy as necessary to maintain vertical delineation of the cobalt SSL in WGWC-24.

- Lithium in WGWC-19: Horizontally delineated by WAMW-2. WAMW-1 does not vertically delineate the lithium SSL based on the most current groundwater concentration reported in August 2025. However, the lower limit of the calculated confidence interval for lithium in WAMW-1 remains below the GWPS following the most current sampling event. 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.

- Lithium in WGWC-21: Horizontally delineated based on inward groundwater flow direction towards AP-1 as observed at WGWC-21 relative to WGWC-41 (**Figures 3** and **4**). Vertical delineation is continuing to be evaluated.

- Lithium in WGWC-28D: Horizontal and vertical delineation are ongoing.

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

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 the second half of this annual reporting period are presented in the *Semiannual Remedy Selection and Design Progress Report* provided in **Appendix E.** 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 *2025 Annual 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.

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 February 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-5	Piezometer	Upgradient	1241997.94	2022368.85	899.28	902.15	888.88	878.88	23.66	Saprolite/PWR/Bedrock	12/23/2014
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

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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
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
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
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 reclassified from a detection well to an assessment well following the first two quarterly background sampling events.

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	February 10 2025 - February 13 2025	April 07 2025	June 04 2025	August 12 2025 - August 19 2025	August 19 2025	August 20 2025	August 20 2025 - August 27 2025	November 10 2025 - November 13 2025	November 13 2025	November 17 2025
			Assessment Event	Supplemental Event	Supplemental Event	Assessment Event	Isotope Sampling	Supplemental Event	1st Background Event	2nd Background Event	Resample Event	Isotope Sampling
WGWA-1	Upgradient	Detection	X			X						
WGWA-2	Upgradient	Detection	X			X						
WGWA-3	Upgradient	Detection	X			X						
WGWA-4	Upgradient	Detection	X			X						
WGWA-6	Upgradient	Detection	X			X						
WGWA-7	Upgradient	Detection	X			X						
WGWA-18	Upgradient	Detection	X			X						
WGWC-8	Downgradient	Detection	X			X						
WGWC-9	Downgradient	Detection	X			X						
WGWC-10	Downgradient	Detection	X			X						
WGWC-11	Downgradient	Detection	X			X						
WGWC-12	Downgradient	Detection	X			X						
WGWC-13	Downgradient	Detection	X			X						
WGWC-14A	Downgradient	Detection	X			X						
WGWC-15	Downgradient	Detection	X			X						
WGWC-16	Downgradient	Detection	X			X						
WGWC-17	Downgradient	Detection	X			X						
WGWC-19	Downgradient	Detection	X			X						X
WGWC-20	Downgradient	Detection	X			X						X
WGWC-21	Downgradient	Detection	X			X						X
WGWC-22	Downgradient	Detection	X			X						
WGWC-23	Downgradient	Detection	X			X						
WGWC-24	Downgradient	Detection	X			X						
WGWC-25	Downgradient	Detection	X			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	X		
WGWC-42	Downgradient	Detection							X	X		
PZ-26D	Downgradient	Assessment	X			X						
WAMW-1	Downgradient	Assessment	X			X						
WAMW-2	Downgradient	Assessment	X			X						
WGWC-27	Downgradient	Assessment	X			X						
WGWC-28D	Downgradient	Assessment	X			X					X	X
PZ-23D	Downgradient	Piezometer			X			X				
PZ-31	Downgradient	Piezometer	X			X						
PZ-32D	Downgradient	Piezometer		X		X						
PZ-33D	Downgradient	Piezometer		X		X						
PZA-2S	Interstitial	Piezometer					X					
PZA-2M	Interstitial	Piezometer					X					
GWA-28	NA	Landfill										X
GWA-29	NA	Landfill										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) WAMW-2 was reclassified to assessment wells.
(3) WGWC-8 was transitioned to a piezometer following the November 2025 sampling events.
(4) WGWC-42 was transitioned to an assessment well following the November 2025 sampling events.

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

		February 2025		August 2025	
Well ID	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)
WGWA-1	782.93	29.70	753.23	27.74	755.19
WGWA-2	758.23	11.03	747.20	12.32	745.91
WGWA-3	828.91	4.49	824.42	3.33	825.58
WGWA-4	834.34	7.17	827.17	5.75	828.59
WGWA-5	902.15	17.50	884.65	16.52	885.63
WGWA-6	897.13	20.40	876.73	17.07	880.06
WGWA-7	897.33	32.63	864.70	25.37	871.96
WGWA-18	878.02	19.85	858.17	17.27	860.75
WGWC-9	812.03	21.45	790.58	19.55	792.48
WGWC-10	812.38	22.85	789.53	18.70	793.68
WGWC-11	823.96	29.75	794.21	26.04	797.92
WGWC-12	823.04	29.14	793.90	25.61	797.43
WGWC-13	809.78	23.37	786.41	23.90	785.88
WGWC-14A	810.94	23.81	787.13	23.80	787.14
WGWC-15	804.69	19.82	784.87	19.81	784.88
WGWC-16	804.21	19.25	784.96	19.21	785.00
WGWC-17	816.00	29.91	786.09	29.47	786.53
WGWC-19	783.42	24.48	758.94	21.35	762.07
WGWC-20	807.95	32.76	775.19	29.36	778.59
WGWC-21	834.41	51.41	783.00	49.50	784.91
WGWC-22	810.37	21.00	789.37	18.80	791.57
WGWC-23	823.80	31.62	792.18	29.48	794.32
WGWC-24	804.80	16.30	788.50	16.83	787.97
WGWC-25	808.98	18.20	790.78	18.15	790.83
WGWC-30	815.20	--	--	21.76	793.44
WGWC-31D	814.61	--	--	53.25	761.36
WGWC-31S	814.69	--	--	22.44	792.25
WGWC-32	810.23	--	--	17.22	793.01
WGWC-33	812.09	--	--	19.08	793.01
WGWC-34D	806.04	NI	NI	27.10	778.94
WGWC-34S	805.77	NI	NI	19.67	786.10
WGWC-35D	806.02	NI	NI	24.90	781.12
WGWC-35S	805.95	NI	NI	19.65	786.30
WGWC-36D	805.56	NI	NI	24.45	781.11
WGWC-36S	805.62	NI	NI	22.12	783.50
WGWC-37D	805.24	28.10	777.14	23.34	781.90
WGWC-37S	805.30	23.32	781.98	21.16	784.14
WGWC-38D	806.15	NI	NI	26.96	779.19
WGWC-38S	806.07	NI	NI	22.89	783.18
WGWC-39	826.86	34.32	792.54	28.71	798.15
WGWC-40	818.74	30.26	788.48	26.27	792.47
WGWC-41	832.02	29.50	802.52	28.15	803.87
PZ-26D	804.93	16.71	788.22	17.54	787.39
WAMW-1	782.66	24.45	758.21	21.48	761.18
WAMW-2	770.82	16.50	754.32	14.51	756.31
WGWC-27	780.54	14.21	766.33	9.29	771.25
WGWC-28D	808.24	35.51	772.73	31.48	776.76
WGWC-42	787.30	22.98	764.32	17.75	769.55
PZ-01	856.72	38.75	817.97	38.05	818.67
PZ-04	889.01	18.55	870.46	19.03	869.98
PZ-06	915.15	Dry	Dry	21.17	893.98
PZ-08	867.29	29.25	838.04	29.39	837.90
PZ-16	800.70	13.50	787.20	13.51	787.19
PZ-17	831.01	39.87	791.14	37.96	793.05
PZ-18	814.51	20.58	793.93	18.32	796.19
PZ-23D	834.32	51.66	782.66	49.33	784.99
PZ-27D	809.28	20.19	789.09	20.06	789.22
PZ-28	816.18	29.31	786.87	28.83	787.35
PZ-30	814.80	23.83	790.97	22.28	792.52
PZ-31	810.90	21.93	788.97	19.68	791.22
PZ-32D	776.74	--	--	5.72	771.02
PZ-33D	776.74	--	--	5.71	771.03
WGWC-8	780.08	7.82	772.26	5.20	774.88
WGWC-14	809.50	22.97	786.53	23.31	786.19
WGWC-26D	808.23	34.10	774.13	30.35	777.88

Notes:
-- = Not measured
NI = Not Installed
(1) NAVD88 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 (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 Hydraulic Gradient (i) (ft/ft)	Average Groundwater Flow Velocity (V) (ft/day)	Overall Average Groundwater Flow Velocity (V) (ft/day)	Overall Average Groundwater Flow Velocity (V) (ft/year)
February 2025	PZ-01 to WGWC-17	817.97	786.09	31.88	362.27	0.088	0.17	0.10	0.15	54.6	0.087	0.148	0.113	41
August 2025	PZ-01 to WGWC-17	818.67	786.53	32.14	374.79	0.086	0.17	0.10	0.146	53.2				
February 2025	WGWC-20 to WGWC-27	775.19	766.33	8.86	175.75	0.050	0.17	0.10	0.086	31.3	0.046	0.078		
August 2025	WGWC-20 to WGWC-27	778.59	771.25	7.34	175.14	0.042	0.17	0.10	0.071	26.0				

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 and 4 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-1	WGWA-2	WGWA-2	WGWA-3	WGWA-3	WGWA-4	WGWA-4	WGWA-6	WGWA-6	WGWA-7	WGWA-7	WGWA-18
	Sample Date	02/10/2025	08/12/2025	02/10/2025	08/12/2025	02/10/2025	08/12/2025	02/11/2025	08/12/2025	02/11/2025	08/12/2025	02/11/2025	08/13/2025	02/11/2025
ANALYTE	UNITS													
APPENDIX III														
Boron	mg/L	< 0.022	< 0.026	< 0.022	< 0.026	< 0.022	< 0.026	< 0.022	< 0.026	< 0.022	< 0.026	< 0.022	< 0.026	< 0.022
Calcium	mg/L	1.4	1.3	16	12	1.8	1.8	17	16	27	26	8.7	1.1	4.4
Chloride	mg/L	4.6	3.3	3.3	2.6	2.0	1.5	1.7	< 4.9	1.8	1.4	2.4	1.9	2.5
Fluoride	mg/L	< 0.040	< 0.081	< 0.040	< 0.081	< 0.040	< 0.081	< 0.040	< 0.40	< 0.040	< 0.081	< 0.040	< 0.081	< 0.040
pH, Field	SU	5.4	4.54	6.44	6.08	5.25	5.28	7.58	7.00	8.01	7.76	6.08	4.98	5.74
Sulfate	mg/L	< 0.40	< 0.77	1.1	1.4	1.1	< 0.77	8.1	8.7	7.9	6.3	0.70 J	< 0.77	8.4
TDS	mg/L	37	41	120	120	34	38	110	110	120	130	84	25	46
APPENDIX IV														
Antimony	mg/L	< 0.00034	< 0.0025	< 0.00034	< 0.0025	< 0.00034	< 0.0025	< 0.00034	< 0.0025	< 0.00034	< 0.0025	< 0.00034	< 0.0025	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.0013	< 0.00086	< 0.0013	< 0.00086	< 0.0013	< 0.00086	< 0.0013	< 0.00086	< 0.0013	< 0.00086	< 0.0013	< 0.00086
Barium	mg/L	0.049	0.046	0.023	0.025	0.014	0.014	0.0086 J	0.0057 J	0.0091 J	0.0072 J	0.011	0.012	0.014
Beryllium	mg/L	< 0.00020	< 0.00015	< 0.00020	< 0.00015	< 0.00020	< 0.00015	< 0.00020	< 0.00015	< 0.00020	< 0.00015	< 0.00020	< 0.00015	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.00024	< 0.000078	< 0.00024	< 0.000078	< 0.00024	< 0.000078	< 0.00024	< 0.000078	< 0.00024	< 0.000078	< 0.00024	< 0.000078
Chromium	mg/L	0.0012 J	< 0.0037	< 0.0012	< 0.0037	< 0.0012	< 0.0037	< 0.0012	< 0.0037	< 0.0012	< 0.0037	< 0.0012	< 0.0037	< 0.0012
Cobalt	mg/L	0.00068 J	0.00043 J	0.00034 J	< 0.00041	< 0.00022	< 0.00041	< 0.00022	< 0.00041	< 0.00022	< 0.00041	0.0017 J	< 0.00041	0.00043 J
Lead	mg/L	< 0.00021	< 0.00086	< 0.00021	< 0.00086	< 0.00021	< 0.00086	0.0015	< 0.00086	< 0.00021	< 0.00086	< 0.00021	< 0.00086	< 0.00021
Lithium	mg/L	0.0091	0.0038 J	0.013	0.0082 J	< 0.0020	< 0.0037	< 0.0020	0.0053 J	< 0.0020	0.0058 J	< 0.0020	< 0.0037	0.0047 J
Mercury	mg/L	< 0.000080	< 0.00017	< 0.000080	< 0.00017	< 0.000080	< 0.00017	< 0.000080	< 0.00017	< 0.000080	< 0.00017	< 0.000080	< 0.00017	< 0.000080
Molybdenum	mg/L	< 0.00086	< 0.00069	< 0.00086	< 0.00069	< 0.00086	< 0.00069	< 0.00086	< 0.00069	< 0.00086	< 0.00069	< 0.00086	< 0.00069	< 0.00086
Combined Radium 226 + 228	pCi/L	1.59	1.13	0.453 U	0.917	1.15	0.341 U	2.44	2.07	13.1	11.1	0.699	0.701	0.383 U
Selenium	mg/L	< 0.00099	< 0.0023	< 0.00099	< 0.0023	< 0.00099	< 0.0023	< 0.00099	< 0.0023	< 0.00099	< 0.0023	< 0.00099	< 0.0023	< 0.00099
Thallium	mg/L	< 0.00026	< 0.00019	< 0.00026	< 0.00019	< 0.00026	< 0.00019	< 0.00026	< 0.00019	< 0.00026	< 0.00019	< 0.00026	< 0.00019	< 0.00026
Fluoride	mg/L	< 0.040	< 0.081	< 0.040	< 0.081	< 0.040	< 0.081	< 0.040	< 0.40	< 0.040	< 0.081	< 0.040	< 0.081	< 0.040
Additional Parameters														
Bicarbonate Alkalinity as CaCO3	mg/L	8.0	NA	80	NA	12	NA	61	NA	78	NA	29	NA	16
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	NA	< 5.0	NA	< 5.0	NA	< 5.0	NA	< 5.0	NA	< 5.0	NA	< 5.0
Total Alkalinity as CaCO3	mg/L	8.0	NA	80	NA	12	NA	61	NA	78	NA	29	NA	16
Iron	mg/L	< 0.012	NA	< 0.012	NA	< 0.012	NA	1.0	NA	0.29	NA	0.17	NA	0.050
Magnesium	mg/L	1.2	NA	5.5	NA	1.0	NA	2.5	NA	2.2	NA	0.55	NA	1.5
Manganese	mg/L	0.0086	NA	0.032	NA	0.0025 J	NA	0.18	NA	0.15	NA	0.11	NA	0.068
Potassium	mg/L	1.2	NA	2.3	NA	1.2	NA	2.5	NA	2.9	NA	1.5	NA	2.3
Sodium	mg/L	3.5	NA	9.5	NA	2.8	NA	7.5	NA	5.7	NA	3.0	NA	4.8
Sulfide	mg/L	< 0.83	NA	< 0.81	NA	< 0.81	NA	< 0.82	NA	< 0.81	NA	< 0.89	NA	< 0.83

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

	Sample Location	WGWA-18	WGWC-8*	WGWC-8*	WGWC-9	WGWC-9	WGWC-10	WGWC-10	WGWC-11	WGWC-11	WGWC-12	WGWC-12	WGWC-13	WGWC-13
	Sample Date	08/12/2025	02/11/2025	08/14/2025	02/11/2025	08/19/2025	02/13/2025	08/19/2025	02/11/2025	08/18/2025	02/11/2025	08/15/2025	02/12/2025	08/14/2025
ANALYTE	UNITS													
APPENDIX III														
Boron	mg/L	< 0.026	3.6	3.1	0.58	0.55	< 0.022	< 0.026	< 0.022	< 0.026	< 0.022	< 0.026	< 0.022	< 0.026
Calcium	mg/L	6.6	99	97	9.6	10	8.0	7.8	1.7	1.6	14	15	3.8	3.6
Chloride	mg/L	2.2	120	120	2.0	5.4	1.5	1.8	0.45 J	4.3	3.7	3.6	1.3	1.5
Fluoride	mg/L	< 0.081	< 0.40	1.0	0.40	0.90	< 0.040	0.30	< 0.040	0.17 J	< 0.040	0.22	< 0.040	0.26
pH, Field	SU	5.96	5.23	5.26	5.86	6.05	6.27	6.45	5.54	5.26	6.63	6.69	6.32	5.93
Sulfate	mg/L	6.0	280	260	26	47	1.9	2.1	0.41 J	1.5	13	13	2.6	2.9
TDS	mg/L	62	630	740	140	150	58	42	35	31	96	100	84	90
APPENDIX IV														
Antimony	mg/L	< 0.0025	< 0.00034	0.0029 J	0.0079	< 0.0025	< 0.00034	< 0.0025	< 0.00034	< 0.0025	< 0.00034	< 0.0025	< 0.00034	< 0.0025
Arsenic	mg/L	< 0.0013	0.0012	< 0.0013	< 0.00086	< 0.0013	< 0.00086	< 0.0013	< 0.00086	< 0.0013	< 0.00086	< 0.0013	< 0.00086	< 0.0013
Barium	mg/L	0.012	0.0015 J	0.0021 J	0.0018 J	0.00049 J	0.032	0.032	0.053	0.050	0.018	0.018	0.040	0.041
Beryllium	mg/L	< 0.00015	0.0027	0.0019	0.00035 J	0.00037 J	< 0.00020	< 0.00015	< 0.00020	< 0.00015	< 0.00020	< 0.00015	< 0.00020	< 0.00015
Cadmium	mg/L	< 0.00024	< 0.000078	0.00034 J	< 0.000078	< 0.00024	< 0.000078	< 0.00024	< 0.000078	< 0.00024	< 0.000078	< 0.00024	< 0.000078	< 0.00024
Chromium	mg/L	< 0.0037	< 0.0012	< 0.0037	< 0.0012	< 0.0037	0.0036	< 0.0037	< 0.0012	< 0.0037	< 0.0012	< 0.0037	0.0017 J	< 0.0037
Cobalt	mg/L	< 0.00041	< 0.00022	< 0.00041	< 0.00022	< 0.00041	< 0.00022	< 0.00041	< 0.00022	0.00043 J	0.00033 J	< 0.00041	0.00029 J	< 0.00041
Lead	mg/L	< 0.00086	0.00023 J	< 0.00086	< 0.00021	< 0.00086	< 0.00021	< 0.00086	< 0.00021	< 0.00086	< 0.00021	< 0.00086	0.00022 J	< 0.00086
Lithium	mg/L	< 0.0037	0.011	0.020	0.029	0.035	< 0.0020	0.0053 J	< 0.0020	< 0.0037	0.0032 J	0.0069 J	< 0.0020	< 0.0037
Mercury	mg/L	< 0.00017	< 0.000080	< 0.00017	< 0.000080	< 0.00017	< 0.000080	< 0.00017	< 0.000080	< 0.00017	< 0.000080	< 0.00017	< 0.000080	< 0.00017
Molybdenum	mg/L	< 0.00069	< 0.00086	< 0.00069	0.0033 J	0.0024 J	< 0.00086	< 0.00069	< 0.00086	< 0.00069	< 0.00086	0.00075 J	0.0013 J	0.0011 J
Combined Radium 226 + 228	pCi/L	0.697	3.46	3.43	2.41	0.510 U	0.440 U	0.800	1.28	0.251 U	0.892	0.0108 U	0.589	0.968
Selenium	mg/L	< 0.0023	0.0048 J	0.0062	0.0029 J	0.0026 J	< 0.00099	< 0.0023	< 0.00099	< 0.0023	< 0.00099	< 0.0023	< 0.00099	< 0.0023
Thallium	mg/L	< 0.00019	< 0.00026	< 0.00019	< 0.00026	< 0.00019	< 0.00026	< 0.00019	< 0.00026	0.00049 J	< 0.00026	< 0.00019	< 0.00026	< 0.00019
Fluoride	mg/L	< 0.081	< 0.40	1.0	0.40	0.90	< 0.040	0.30	< 0.040	0.17 J	< 0.040	0.22	< 0.040	0.26
Additional Parameters														
Bicarbonate Alkalinity as CaCO3	mg/L	NA	6.5	NA	15	NA	29	NA	9.7	NA	44	NA	32	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	< 5.0	NA	< 5.0	NA	< 5.0	NA	< 5.0	NA	< 5.0	NA	< 5.0	NA
Total Alkalinity as CaCO3	mg/L	NA	6.5	NA	15	NA	29	NA	9.7	NA	44	NA	32	NA
Iron	mg/L	NA	< 0.012	NA	< 0.012	NA	< 0.012	NA	< 0.012	NA	2.1	NA	0.064	NA
Magnesium	mg/L	NA	27	NA	2.6	NA	1.8	NA	1.4	NA	3.0	NA	0.57	NA
Manganese	mg/L	NA	0.0076	NA	0.023	NA	0.015	NA	0.0077	NA	0.011	NA	0.0025 J	NA
Potassium	mg/L	NA	9.2	NA	1.4	NA	1.8	NA	1.2	NA	2.0	NA	1.8	NA
Sodium	mg/L	NA	40	NA	24	NA	3.5	NA	3.6	NA	5.9	NA	9.4	NA
Sulfide	mg/L	NA	< 0.83	NA	< 0.83	NA	< 0.89	NA	< 0.83	NA	< 0.89	NA	< 0.81	NA

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-14A	WGWC-15	WGWC-15	WGWC-16	WGWC-16	WGWC-17	WGWC-17	WGWC-19	WGWC-19	WGWC-20	WGWC-20	WGWC-21
	Sample Date	02/12/2025	08/14/2025	02/13/2025	08/13/2025	02/12/2025	08/14/2025	02/11/2025	08/13/2025	02/13/2025	08/14/2025	02/12/2025	08/14/2025	02/13/2025
ANALYTE	UNITS													
APPENDIX III														
Boron	mg/L	0.027 J	< 0.026	< 0.022	< 0.026	0.56	0.56	< 0.022	< 0.026	< 0.022	< 0.026	7.4	4.0	0.12
Calcium	mg/L	0.77	0.70	30	31	15	17	5.8	6.4	13	12	230	160	64
Chloride	mg/L	2.4	2.5	1.1	1.4	28	26	1.9	1.8	3.1	3.3	380	180	48
Fluoride	mg/L	< 0.040	0.20	0.72	0.74	< 0.20	0.23	< 0.040	0.22	0.058 J	0.45	< 1.0	2.4	< 0.40
pH, Field	SU	5.44	5.03	7.87	7.91	5.42	5.26	6.26	5.76	6.7	6.67	5.33	5.33	6.63
Sulfate	mg/L	0.45 J	0.80 J	13	14	40	38	3.4	3.8	3.3	3.3	470	380	350
TDS	mg/L	28	27	140	150	120	120	81	86	100	88	1300	930	610
APPENDIX IV														
Antimony	mg/L	< 0.00034	< 0.0025	< 0.00034	< 0.0025	< 0.00034	< 0.0025	< 0.00034	< 0.0025	< 0.00034	< 0.0025	< 0.00034	< 0.0025	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.0013	< 0.00086	< 0.0013	< 0.00086	< 0.0013	< 0.00086	< 0.0013	< 0.00086	< 0.0013	< 0.00086	< 0.0013	< 0.00086
Barium	mg/L	0.027	0.027	0.033	0.033	0.040	0.039	0.012	0.011	0.0077 J	0.0015 J	< 0.00089	0.00049 J	0.0038 J
Beryllium	mg/L	0.00027 J	< 0.00015	< 0.00020	< 0.00015	< 0.00020	< 0.00015	< 0.00020	< 0.00015	< 0.00020	< 0.00015	0.011	0.0089	0.00033 J
Cadmium	mg/L	< 0.000078	< 0.00024	< 0.000078	< 0.00024	< 0.000078	< 0.00024	< 0.000078	< 0.00024	< 0.000078	< 0.00024	0.00045 J	< 0.00024	< 0.000078
Chromium	mg/L	< 0.0012	< 0.0037	< 0.0012	< 0.0037	< 0.0012	< 0.0037	< 0.0012	< 0.0037	< 0.0012	< 0.0037	< 0.0012	< 0.0037	< 0.0012
Cobalt	mg/L	0.0015 J	0.0014 J	< 0.00022	< 0.00041	< 0.00022	< 0.00041	< 0.00022	< 0.00041	< 0.00022	< 0.00041	< 0.00041	< 0.00041	< 0.00022
Lead	mg/L	< 0.00021	< 0.00086	< 0.00021	< 0.00086	< 0.00021	< 0.00086	< 0.00021	< 0.00086	< 0.00021	< 0.00086	< 0.00021	< 0.00086	< 0.00021
Lithium	mg/L	< 0.0020	< 0.0037	0.0052	0.010 J	0.0024 J	0.0038 J	0.0034 J	0.0060 J	0.060	0.070	0.14	0.20	0.065
Mercury	mg/L	< 0.000080	< 0.00017	< 0.000080	< 0.00017	< 0.000080	< 0.00017	< 0.000080	< 0.00017	< 0.000080	< 0.00017	< 0.000080	< 0.00017	< 0.000080
Molybdenum	mg/L	< 0.00086	< 0.00069	0.0023 J	0.0023 J	< 0.00086	< 0.00069	0.0023 J	0.0030 J	0.0014 J	0.0022 J	0.00087 J	0.00088 J	0.027
Combined Radium 226 + 228	pCi/L	0.968	0.687 U	1.11	0.907	1.14	0.940	0.639 U	0.615	0.187 U	0.998	1.12	0.715 U	1.70
Selenium	mg/L	< 0.00099	< 0.0023	< 0.00099	< 0.0023	< 0.00099	< 0.0023	< 0.00099	< 0.0023	< 0.00099	< 0.0023	0.0026 J	0.0032 J	< 0.00099
Thallium	mg/L	< 0.00026	< 0.00019	< 0.00026	< 0.00019	< 0.00026	< 0.00019	< 0.00026	< 0.00019	< 0.00026	< 0.00019	< 0.00026	< 0.00019	< 0.00026
Fluoride	mg/L	< 0.040	0.20	0.72	0.74	< 0.20	0.23	< 0.040	0.22	0.058 J	0.45	< 1.0	2.4	< 0.40
Additional Parameters														
Bicarbonate Alkalinity as CaCO3	mg/L	11	NA	97	NA	11	NA	47	NA	80	NA	8.9	NA	96
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	NA	< 5.0	NA	< 5.0	NA	< 5.0	NA	< 5.0	NA	< 5.0	NA	< 5.0
Total Alkalinity as CaCO3	mg/L	11	NA	97	NA	11	NA	47	NA	80	NA	8.9	NA	96
Iron	mg/L	0.014 J	NA	0.016 J	NA	0.046 J	NA	0.088	NA	0.046 J	NA	< 0.012	NA	0.059
Magnesium	mg/L	0.71	NA	4.9	NA	5.4	NA	3.4	NA	9.8	NA	50	NA	7.5
Manganese	mg/L	0.038	NA	0.017	NA	0.011	NA	0.0095	NA	0.011	NA	0.46	NA	0.16
Potassium	mg/L	1.7	NA	1.4	NA	2.1	NA	1.4	NA	1.4	NA	6.3	NA	2.8
Sodium	mg/L	3.6	NA	8.7	NA	8.4	NA	8.8	NA	8.2	NA	45	NA	160
Sulfide	mg/L	< 0.83	NA	< 0.83	NA	< 0.83	NA	< 0.83	NA	< 0.83	NA	< 0.81	NA	< 0.83

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

	Sample Location	WGWC-21	WGWC-22	WGWC-22	WGWC-23	WGWC-23	WGWC-24	WGWC-24	WGWC-25	WGWC-25	WGWC-30	WGWC-30	WGWC-31D	WGWC-31D
	Sample Date	08/19/2025	02/12/2025	08/18/2025	02/13/2025	08/19/2025	02/13/2025	08/18/2025	02/12/2025	08/13/2025	08/20/2025	11/13/2025	08/21/2025	11/12/2025
ANALYTE	UNITS													
APPENDIX III														
Boron	mg/L	0.10	0.32	0.29	0.024 J	< 0.026	0.94	0.42	0.36	0.74	< 0.026	< 0.026	< 0.026	< 0.026
Calcium	mg/L	60	13	12	4.4	2.8	20	11	31	19	0.25	0.24	24	26
Chloride	mg/L	56	4.1	4.3	3.1	3.4	19	15	24	12	1.3	1.4	17	10
Fluoride	mg/L	2.0	< 0.080	0.34	< 0.040	0.18 J	< 0.20	0.28	< 0.20	< 0.081	0.18 J	0.12 J	2.8	3.0
pH, Field	SU	6.73	5.47	5.39	5.58	5.34	4.49	4.57	6.19	5.58	5.38	NA	7.91	NA
Sulfate	mg/L	320	66	54	7.3	6.5	79	35	17	4.2	< 0.77	0.83 J	24	20
TDS	mg/L	700	150	160	140	76	160	110	170	280	56	44	210	190
APPENDIX IV														
Antimony	mg/L	0.0032 J	< 0.00034	< 0.0025	< 0.00034	< 0.0025	< 0.00034	< 0.0025	< 0.00034	< 0.0025	< 0.0025	< 0.0025	0.0025 J	< 0.0025
Arsenic	mg/L	< 0.0013	< 0.00086	< 0.0013	< 0.00086	< 0.0013	< 0.00086	< 0.0013	< 0.00086	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013
Barium	mg/L	0.0033 J	0.022	0.018	0.015	0.0067 J	0.051	0.042	0.19	0.25	0.024	0.026	0.0050 J	0.00062 J
Beryllium	mg/L	0.00041 J	0.00061 J	0.00065 J	0.0016 J	0.0010	0.0055	0.0017	< 0.00020	< 0.00015	0.00017 J	< 0.00015	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00024	0.00011 J	< 0.00024	< 0.000078	< 0.00024	0.00018 J	< 0.00024	< 0.000078	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024
Chromium	mg/L	< 0.0037	< 0.0012	< 0.0037	0.0017 J	< 0.0037	< 0.0012	< 0.0037	< 0.0012	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037
Cobalt	mg/L	< 0.00041	< 0.00022	< 0.00041	0.00022 J	< 0.00041	0.039	0.020	0.0085	0.0097	< 0.00041	< 0.00041	0.00044 J	< 0.00041
Lead	mg/L	< 0.00086	< 0.00021	< 0.00086	0.0020	< 0.00086	0.00050 J	< 0.00086	0.00065 J	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Lithium	mg/L	0.11	0.0069	0.011 J	< 0.0020	< 0.0037	0.0034 J	0.0040 J	< 0.0020	0.0040 J	< 0.0037	< 0.0037	0.056	0.057
Mercury	mg/L	< 0.00017	< 0.000080	< 0.00017	< 0.000080	< 0.00017	< 0.000080	< 0.00017	< 0.000080	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
Molybdenum	mg/L	0.032	< 0.00086	< 0.00069	< 0.00086	< 0.00069	< 0.00086	< 0.00069	< 0.00086	< 0.00069	< 0.00069	< 0.00069	0.036	< 0.00069
Combined Radium 226 + 228	pCi/L	1.14	4.31	5.52	1.31 U	1.74	0.801	1.28	1.43	1.29	1.38	1.15	1.22	1.62
Selenium	mg/L	< 0.0023	0.0030 J	0.0025 J	0.0031 J	< 0.0023	< 0.00099	< 0.0023	< 0.00099	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023
Thallium	mg/L	< 0.00019	< 0.00026	< 0.00019	< 0.00026	< 0.00019	< 0.00026	0.00027 J	< 0.00026	< 0.00019	0.00035 J	< 0.00019	< 0.00019	< 0.00019
Fluoride	mg/L	2.0	< 0.080	0.34	< 0.040	0.18 J	< 0.20	0.28	< 0.20	< 0.081	0.18 J	0.12 J	2.8	3.0
Additional Parameters														
Bicarbonate Alkalinity as CaCO3	mg/L	NA	21	NA	26	NA	< 5.0	NA	90	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	< 5.0	NA	< 5.0	NA	< 5.0	NA	< 5.0	NA	NA	NA	NA	NA
Total Alkalinity as CaCO3	mg/L	NA	21	NA	26	NA	< 5.0	NA	90	NA	NA	NA	NA	NA
Iron	mg/L	NA	0.036 J	NA	0.21	NA	< 0.012	NA	3.6	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	3.4	NA	0.77	NA	4.4	NA	8.7	NA	NA	NA	NA	NA
Manganese	mg/L	NA	0.0078	NA	0.019	NA	1.3	NA	1.3	NA	NA	NA	NA	NA
Potassium	mg/L	NA	5.2	NA	2.7	NA	6.8	NA	5.1	NA	NA	NA	NA	NA
Sodium	mg/L	NA	19	NA	13	NA	7.6	NA	6.9	NA	NA	NA	NA	NA
Sulfide	mg/L	NA	< 0.83	NA	< 0.89	NA	< 0.83	NA	< 0.83	NA	NA	NA	NA	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
	Sample Date	08/20/2025	11/11/2025	08/20/2025	11/10/2025	08/20/2025	11/12/2025	08/21/2025	11/11/2025	08/25/2025	11/11/2025	08/26/2025	11/12/2025	08/26/2025
ANALYTE	UNITS													
APPENDIX III														
Boron	mg/L	< 0.026	0.055 J	0.21	0.30	0.95	0.99	7.1	8.1	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026
Calcium	mg/L	2.1	1.4	7.3	7.5	86	93	13	73	1.9	1.7	46	42	40
Chloride	mg/L	3.0	3.2	4.3	6.3	19	19	120	140	2.9	3.6	8.1	16	7.1
Fluoride	mg/L	0.24	0.12 J	0.25	0.16 J	0.96	1.0	0.74	0.45	< 0.081	0.37	0.18 J	0.28	0.25
pH, Field	SU	5.71	NA	5.11	NA	5.21	NA	5.69	NA	5.70	NA	6.67	NA	6.73
Sulfate	mg/L	2.1	6.8	34	40	250	320	380	420	< 0.77	2.2	5.4	1.7	7.9
TDS	mg/L	78	65	110	100	560	540	900	800	19	21	190	220	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
Arsenic	mg/L	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	0.0030 J	0.0070 J	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013
Barium	mg/L	0.014	0.0087 J	0.050	0.061	0.015	0.0038 J	0.065	0.048	0.021	0.019	0.20	< 0.00041	0.035
Beryllium	mg/L	0.00021 J	0.00017 J	0.0013	0.0017	0.0060	< 0.00015	0.0022	0.0029	< 0.00015	< 0.00015	0.00024 J	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00024	< 0.00024	< 0.00024	< 0.00024	0.0021	< 0.00024	0.0040	0.0028	< 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
Cobalt	mg/L	0.0016 J	0.00088 J	0.00052 J	< 0.00041	0.0029 J	0.00046 J	0.21	0.14	0.022	0.022	0.0020 J	< 0.00041	0.0074
Lead	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	0.0025	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Lithium	mg/L	< 0.0037	< 0.0037	0.0041 J	0.0050 J	0.026	0.028	0.0078 J	0.0097 J	< 0.0037	< 0.0037	< 0.0037	0.0059 J	< 0.0037
Mercury	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	0.00020	< 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	0.022	< 0.00069	< 0.00069	< 0.00069	< 0.00069	0.0010 J	< 0.00069	0.00092 J
Combined Radium 226 + 228	pCi/L	1.05	0.582 U	4.91	5.11	19.2	19.8	1.50	0.529 U	0.608	-0.0554 U	0.592	1.17	1.12
Selenium	mg/L	< 0.0023	< 0.0023	0.0027 J	< 0.0023	0.0098	< 0.0023	0.018	0.014	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023
Thallium	mg/L	0.00021 J	< 0.00019	0.00019 J	0.00019 J	< 0.00019	< 0.00019	0.0036	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019
Fluoride	mg/L	0.24	0.12 J	0.25	0.16 J	0.96	1.0	0.74	0.45	< 0.081	0.37	0.18 J	0.28	0.25
Additional Parameters														
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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

	Sample Location	WGWC-35S	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	11/12/2025	08/26/2025	11/10/2025	08/21/2025	11/13/2025	08/27/2025	11/11/2025	08/21/2025	11/13/2025	08/20/2025	11/10/2025	08/21/2025	11/12/2025
ANALYTE	UNITS													
APPENDIX III														
Boron	mg/L	< 0.026	< 0.026	0.028 J	< 0.026	< 0.026	0.078 J	0.083	2.6	2.4	45	49	0.031 J	0.028 J
Calcium	mg/L	48	6.6	6.3	28	28	16	13	28	26	950	1000	47	32
Chloride	mg/L	5.7	2.5	3.8	26	14	33	31	560	580	1200	1100	21	9.4
Fluoride	mg/L	0.34	0.089 J	0.34	3.7	0.26	< 0.81	0.14 J	3.8	0.34	0.32	0.16 J	5.4	0.17 J
pH, Field	SU	NA	5.83	NA	6.52	NA	5.98	NA	4.21	NA	5.19	NA	6.14	NA
Sulfate	mg/L	3.8	3.7	4.7	16	16	35	16	9.1 J	3.0	1300	1200	16 J	12
TDS	mg/L	240	43	67	230	190	190	200	1300	2500	5900	5500	330	200
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
Arsenic	mg/L	0.0014 J	< 0.0013	< 0.0013	0.0031 J	0.0013 J	< 0.0013	< 0.0013	< 0.0013	0.0046 J	0.030	0.071	0.0013 J	0.0014 J
Barium	mg/L	0.013	0.026	0.020	0.057	0.086	0.12	0.095	< 0.00041	1.1	0.043	0.033	0.11	0.11
Beryllium	mg/L	0.0083	< 0.00015	< 0.00015	0.0022	< 0.00015	< 0.00015	< 0.00015	< 0.00015	0.0027	0.00024 J	< 0.00015	< 0.00015	< 0.00015
Cadmium	mg/L	0.0027	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	0.0045	0.013	0.0062	< 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
Cobalt	mg/L	0.0024 J	0.0050	0.0050	0.19	0.026	0.021	0.020	< 0.00041	0.67	0.10	0.093	0.031	0.031
Lead	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	0.0023	0.012	0.0069	< 0.00086	< 0.00086
Lithium	mg/L	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	0.0050 J	0.0062 J	< 0.0037	0.0051 J	0.0044 J	0.0059 J
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
Molybdenum	mg/L	< 0.00069	< 0.00069	< 0.00069	< 0.00069	0.00079 J	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069
Combined Radium 226 + 228	pCi/L	0.451 U	1.47	0.693 U	1.05	0.895	3.17	2.48	9.19	9.20	14.8	13.9	1.88	1.77
Selenium	mg/L	0.011	< 0.0023	< 0.0023	0.018	0.0029 J	< 0.0023	< 0.0023	< 0.0023	0.019	0.14	0.049	< 0.0023	0.0043 J
Thallium	mg/L	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	0.0032	0.0038	0.0042	< 0.00019	< 0.00019
Fluoride	mg/L	0.34	0.089 J	0.34	3.7	0.26	< 0.81	0.14 J	3.8	0.34	0.32	0.16 J	5.4	0.17 J
Additional Parameters														
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	WGWC-42	PZ-26D	PZ-26D	WAMW-1	WAMW-1	WAMW-2	WAMW-2
	Sample Date	08/21/2025	11/13/2025	08/20/2025	11/11/2025	08/21/2025	08/20/2025	11/10/2025	02/13/2025	08/13/2025	02/12/2025	08/14/2025	02/12/2025	08/19/2025
ANALYTE	UNITS													
APPENDIX III														
Boron	mg/L	< 0.026	< 0.026	< 0.026	0.055 J	0.060 J	< 0.026	< 0.026	0.078 J	0.074 J	0.58	< 0.026	< 0.022	< 0.026
Calcium	mg/L	0.56	0.42	0.77	0.20	7.3	0.27	0.23	13	18	16	22	25	18
Chloride	mg/L	2.1	1.8	12	12	2.8	7.4	8.5	16	22	32	3.5	2.9	2.7
Fluoride	mg/L	0.47	0.22	0.16 J	0.13 J	0.70	0.15 J	0.13 J	< 0.080	0.33	< 0.20	0.56	0.13	0.44
pH, Field	SU	4.72	NA	5.00	NA	5.45	5.07	NA	6.4	6.10	7.45	6.65	6.41	6.73
Sulfate	mg/L	< 0.77	< 0.77	< 0.77	1.4	37	2.0	4.3	24	41	37	4.3	4.1	6.7
TDS	mg/L	36	40	41	42	130	47	49	150	180	130	140	140	110
APPENDIX IV														
Antimony	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.00034	< 0.0025	< 0.00034	< 0.0025	< 0.00034	< 0.0025
Arsenic	mg/L	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.00086	< 0.0013	< 0.00086	< 0.0013	< 0.00086	< 0.0013
Barium	mg/L	0.059	0.053	0.17	0.16	0.0019 J	0.016	0.014	0.017	0.031	0.041	0.0048 J	0.0093 J	0.0066 J
Beryllium	mg/L	0.00034 J	0.00041 J	0.00017 J	< 0.00015	0.00074 J	0.00042 J	0.00032 J	< 0.00020	< 0.00015	< 0.00020	< 0.00015	< 0.00020	< 0.00015
Cadmium	mg/L	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.000078	< 0.00024	< 0.000078	< 0.00024	< 0.000078	< 0.00024
Chromium	mg/L	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0012	< 0.0037	0.0012 J	< 0.0037	< 0.0012	< 0.0037
Cobalt	mg/L	0.0078	0.0088	0.0018 J	0.0014 J	< 0.00041	< 0.00041	< 0.00041	0.0011 J	0.0086	< 0.00022	0.0020 J	0.0010 J	< 0.00041
Lead	mg/L	0.00089 J	0.0010	< 0.00086	0.0010	< 0.00086	< 0.00086	0.019	0.0010	< 0.00086	< 0.00021	< 0.00086	< 0.00021	< 0.00086
Lithium	mg/L	< 0.0037	< 0.0037	< 0.0037	< 0.0037	0.0088 J	< 0.0037	< 0.0037	0.024	0.037	< 0.0020	0.045	0.035	0.029
Mercury	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.000080	< 0.00017	< 0.000080	< 0.00017	< 0.000080	< 0.00017
Molybdenum	mg/L	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	0.0027 J	0.0027 J	< 0.00086	0.0023 J	0.0023 J	< 0.00069
Combined Radium 226 + 228	pCi/L	2.17	1.57	2.52	2.42	4.84	1.25	1.38	0.648	0.714 U	0.557	0.987	0.800	1.11
Selenium	mg/L	< 0.0023	0.0026 J	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.00099	< 0.0023	< 0.00099	< 0.0023	< 0.00099	< 0.0023
Thallium	mg/L	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00026	< 0.00019	< 0.00026	< 0.00019	< 0.00026	< 0.00019
Fluoride	mg/L	0.47	0.22	0.16 J	0.13 J	0.70	0.15 J	0.13 J	< 0.080	0.33	< 0.20	0.56	0.13	0.44
Additional Parameters														
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	54	NA	12	NA	110	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	< 5.0	NA	< 5.0	NA	< 5.0	NA
Total Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	54	NA	12	NA	110	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	0.13	NA	0.023 J	NA	0.044 J	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	2.7	NA	5.4	NA	8.3	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	0.027	NA	0.010	NA	0.12	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	1.7	NA	2.2	NA	1.5	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	22	NA	8.9	NA	8.8	NA
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	< 0.89	NA	< 0.81	NA	< 0.83	NA

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

	Sample Location	WGWC-27	WGWC-27	WGWC-28D	WGWC-28D	WGWC-28D	PZ-23D	PZ-23D	PZ-31	PZ-31	PZ-32D	PZ-32D	PZ-33D	PZ-33D
	Sample Date	02/12/2025	08/18/2025	02/12/2025	08/14/2025	11/13/2025	06/04/2025	08/20/2025	02/13/2025	08/13/2025	04/07/2025	08/19/2025	04/07/2025	08/19/2025
ANALYTE	UNITS													
APPENDIX III														
Boron	mg/L	0.19	0.16	9.9	15	1.6	0.38	0.35	0.040 J	< 0.026	7.2	4.3	3.3	5.8
Calcium	mg/L	16	15	340	550	93	33	35	1.6	1.6	340	290	310	320
Chloride	mg/L	26	19	470	930	600	11	12	4.8	4.9	700	490	530	520
Fluoride	mg/L	< 0.080	0.92	< 4.0	1.3	4.4	2.8	2.5	< 0.040	0.20	< 2.0	2.8	< 2.0	2.4
pH, Field	SU	6.02	6.08	6.64	6.66	6.91	6.59	6.39	5.17	4.74	7.36	7.42	7.83	7.71
Sulfate	mg/L	27	20	300	720	670	58	40	0.62 J	2.0	440	290	330	310
TDS	mg/L	160	130	2000	3600	1800	190	220	38	39	1700	1800	1500	2000
APPENDIX IV														
Antimony	mg/L	< 0.00034	< 0.0025	< 0.00034	< 0.0025	NA	NA	NA	< 0.00034	< 0.0025	NA	NA	NA	NA
Arsenic	mg/L	< 0.00086	< 0.0013	< 0.00086	0.0016 J	NA	NA	NA	< 0.00086	< 0.0013	NA	NA	NA	NA
Barium	mg/L	0.0034 J	0.0025 J	0.011	0.012	NA	NA	NA	0.059	0.064	NA	NA	NA	NA
Beryllium	mg/L	0.0011 J	0.0010	0.0020 J	0.0015	NA	NA	NA	0.00051 J	< 0.00015	NA	NA	NA	NA
Cadmium	mg/L	< 0.000078	< 0.00024	< 0.000078	< 0.00024	NA	NA	NA	< 0.000078	< 0.00024	NA	NA	NA	NA
Chromium	mg/L	< 0.0012	< 0.0037	< 0.0012	< 0.0037	NA	NA	NA	< 0.0012	< 0.0037	NA	NA	NA	NA
Cobalt	mg/L	0.0020 J	0.0014 J	0.00024 J	< 0.00041	NA	NA	NA	0.0016 J	0.00075 J	NA	NA	NA	NA
Lead	mg/L	< 0.00021	< 0.00086	< 0.00021	< 0.00086	NA	NA	NA	0.00070 J	< 0.00086	NA	NA	NA	NA
Lithium	mg/L	0.026	0.031	0.19	0.47	0.38	0.065	0.074	< 0.0020	< 0.0037	0.14	0.18	0.091	0.16
Mercury	mg/L	< 0.000080	< 0.00017	< 0.000080	< 0.00017	NA	NA	NA	< 0.000080	< 0.00017	NA	NA	NA	NA
Molybdenum	mg/L	< 0.00086	< 0.00069	0.0088 J	0.0082	NA	NA	NA	< 0.00086	< 0.00069	NA	NA	NA	NA
Combined Radium 226 + 228	pCi/L	5.08	2.97	7.79	8.52	NA	NA	NA	0.714	0.670 U	NA	NA	NA	NA
Selenium	mg/L	< 0.00099	< 0.0023	< 0.00099	0.0066	NA	NA	NA	< 0.00099	< 0.0023	NA	NA	NA	NA
Thallium	mg/L	< 0.00026	< 0.00019	< 0.00026	< 0.00019	NA	NA	NA	< 0.00026	< 0.00019	NA	NA	NA	NA
Fluoride	mg/L	< 0.080	0.92	< 4.0	1.3	4.4	2.8	2.5	< 0.040	0.20	< 2.0	2.8	< 2.0	2.4
Additional Parameters														
Bicarbonate Alkalinity as CaCO3	mg/L	27	NA	43	NA	60	69	NA	10	NA	86	NA	75	NA
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	NA	< 5.0	NA	< 3.0	< 5.0	NA	< 5.0	NA	< 5.0	NA	< 5.0	NA
Total Alkalinity as CaCO3	mg/L	27	NA	43	NA	60	69	NA	10	NA	86	NA	75	NA
Iron	mg/L	0.50	NA	0.48	NA	9.1 J	NA	NA	0.12	NA	4.6	NA	3.0	NA
Magnesium	mg/L	2.7	NA	62	NA	43	NA	NA	1.6	NA	54	NA	34	NA
Manganese	mg/L	0.26	NA	1.0	NA	4.2	NA	NA	0.11	NA	5.2	NA	2.2	NA
Potassium	mg/L	1.8	NA	42	NA	140	NA	NA	1.7	NA	7.0	NA	3.4	NA
Sodium	mg/L	13	NA	120	NA	310	NA	NA	2.4	NA	73	NA	46	NA
Sulfide	mg/L	< 0.83	NA	1.5	NA	< 1.0	< 0.81	NA	< 0.83	NA	< 0.83	NA	< 0.81	NA

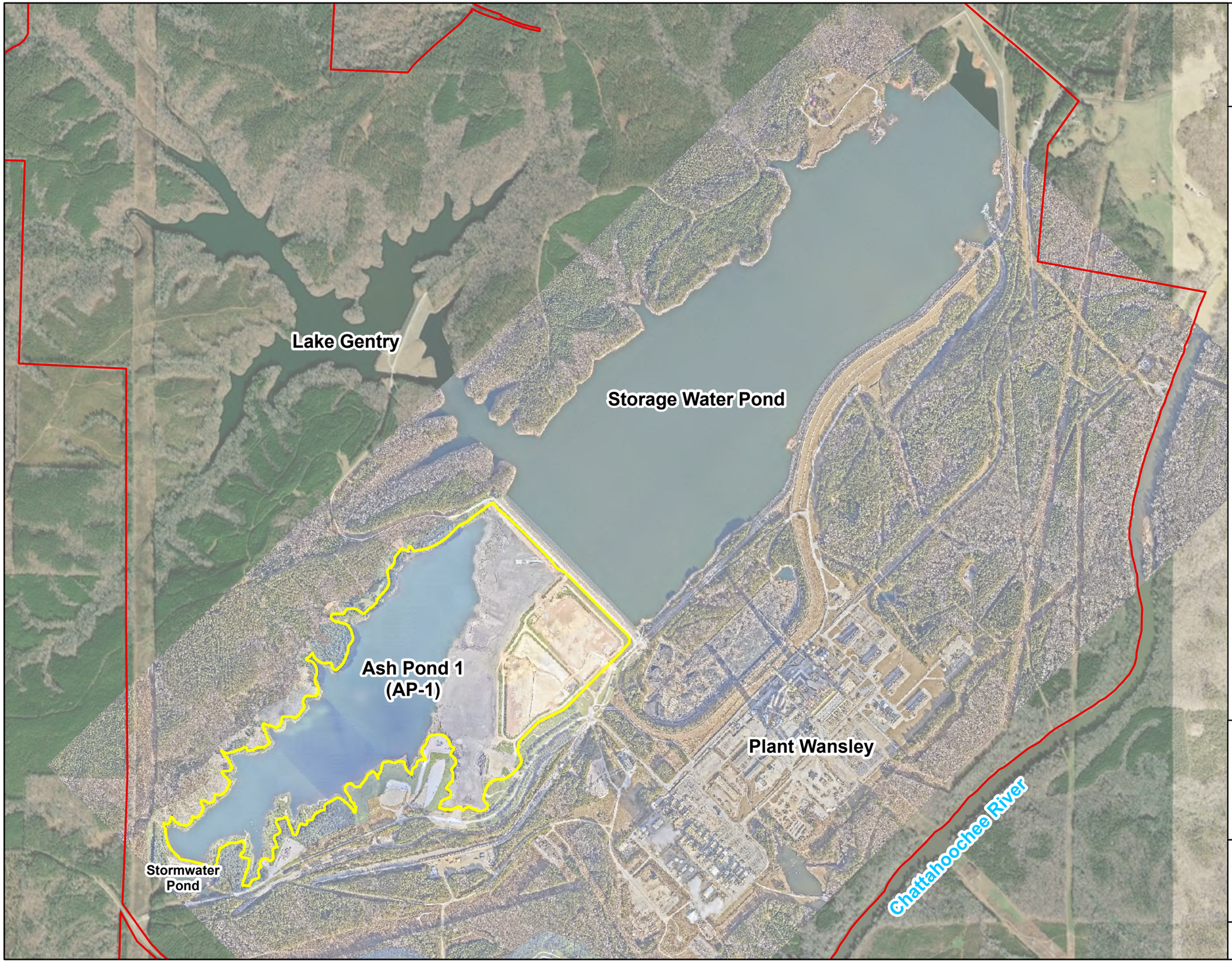
Notes:
mg/L = milligrams per liter
pCi/L = picocuries per liter
SU = Standard Units
NA = Indicates not analyzed
TDS = total dissovled solids
< = Indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.
J = The result is an estimated concentration. “J” qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
* = WGWC-8 was replaced by WGWC-8A and reclassified from a detection monitoring well to a piezometer following the August 2025 sampling event, and therefore will no longer be sampled during future semiannual assessment monitoring
(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.
(4) Data validation for Combined Radium results from samples collected in November is in progress; unvalidated results are displayed.

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	MCL	CCR-Rule Specified GWPS	Background February 2025	Background August 2025	GWPS August 2025
Antimony	mg/L	0.006	N/A	0.0022	0.005	0.006
Arsenic	mg/L	0.01	N/A	0.0014	0.005	0.01
Barium	mg/L	2	N/A	0.062	0.062	2
Beryllium	mg/L	0.004	N/A	0.0025	0.0011	0.004
Cadmium	mg/L	0.005	N/A	0.0025	0.0007	0.005
Chromium	mg/L	0.1	N/A	0.0063	0.0063	0.1
Cobalt	mg/L	N/A	0.006	0.0066	0.0066	0.0066
Combined Radium 226 + 228	pCi/L	5	N/A	13.1	13.1	13.1
Fluoride	mg/L	4	N/A	0.28	0.28	4
Lead	mg/L	N/A	0.015	0.0015	0.0015	0.015
Lithium	mg/L	N/A	0.04	0.013	0.02	0.04
Mercury	mg/L	0.002	N/A	0.0002	0.0002	0.002
Molybdenum	mg/L	N/A	0.1	0.015	0.0072	0.1
Selenium	mg/L	0.05	N/A	0.005	0.005	0.05
Thallium	mg/L	0.002	N/A	0.001	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) The background limits are used when determining the groundwater protection standard (GWPS) under 40 CFR § 257.95(h) and 391-3-4-.10(6)(a).
(2) 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.

FIGURES



N

Legend

Approximate Property Boundary

Approximate AP-1 Boundary



Note:
1. Service Layer Credit Sources:
 - Immediate vicinity of AP-1: SAM LLC, June 24, 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

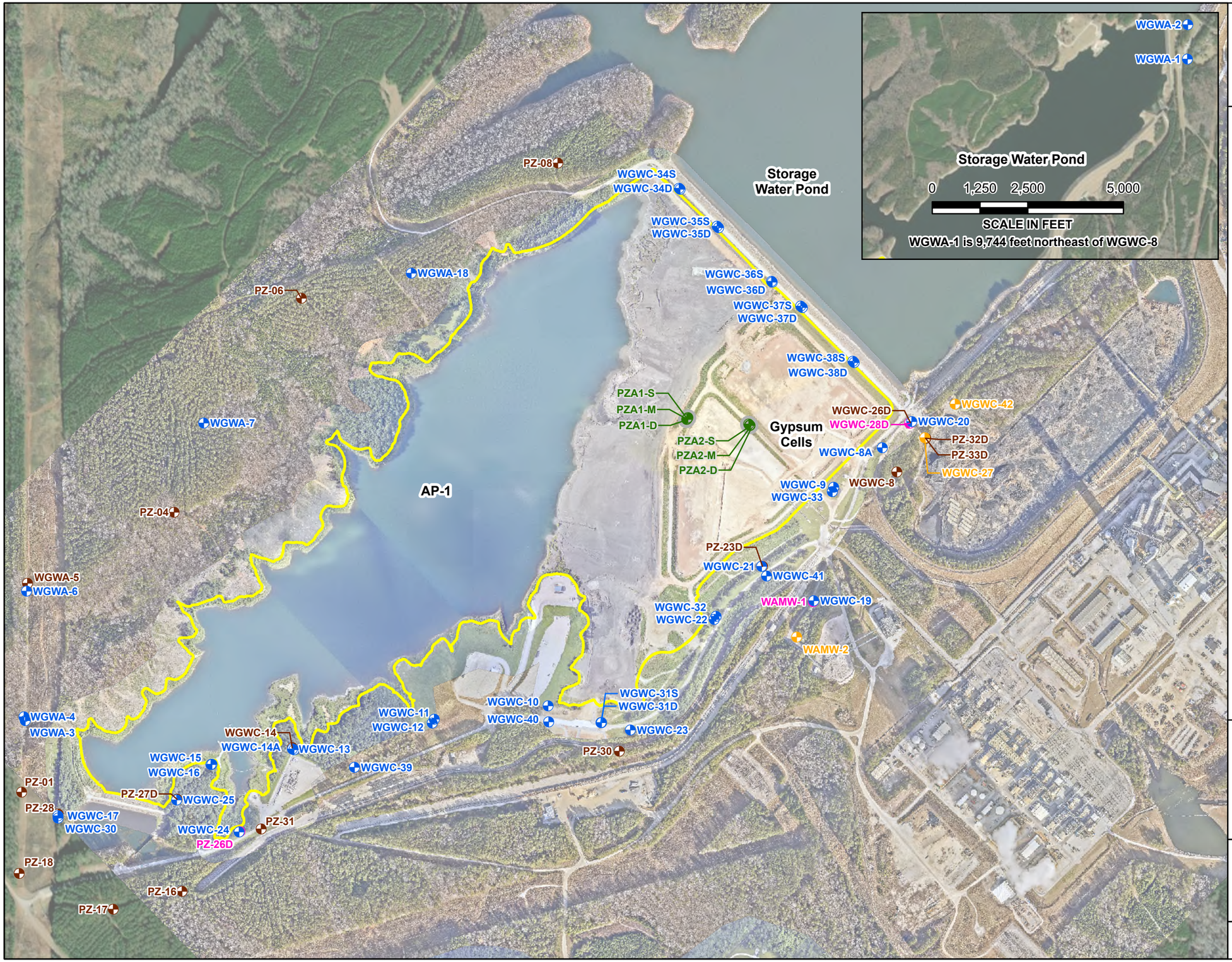
GEORGIA POWER COMPANY
PLANT WANSLEY AP-1
HEARD AND CARROLL COUNTIES, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | JANUARY 2026

FIGURE 1



N

Legend

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

Notes:
1. Detection Monitoring Wells WGWC-30, WGWC-31D, WGWC-31S, WGWC-32, and WGWC-33 were installed December 2024. WGWC-34D, WGWC-34S, WGWC-35D, WGWC-35S, WGWC-36D, WGWC-36S, WGWC-38D and WGWC-38S were installed between January and March 2025, following the semiannual monitoring event. Detection Monitoring Well WGWC-8A was installed October 2025, following the annual monitoring event.
2. WGWC-37D (PZ-29D), WGWC-37S (PZ-29S), WGWC-39 (PZ-15), WGWC-40 (PZ-12), WGWC-41 (PZ-10), and WGWC-42 (PZ-20) were renamed and reclassified Detection Monitoring Wells.
3. WGWC-42 was reclassified as a Horizontal Assessment Monitoring Well and WGWC-8 was reclassified as a Piezometer following the semiannual monitoring event.
4. Piezometers PZA1-S, PZA1-M, PZA1-D, PZA2-S, PZA2-M, and PZA2-D were abandoned on August 28, 2025
5. Service Layer Credit Sources:
 - Immediate vicinity of AP-1: SAM LLC, June 24, 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

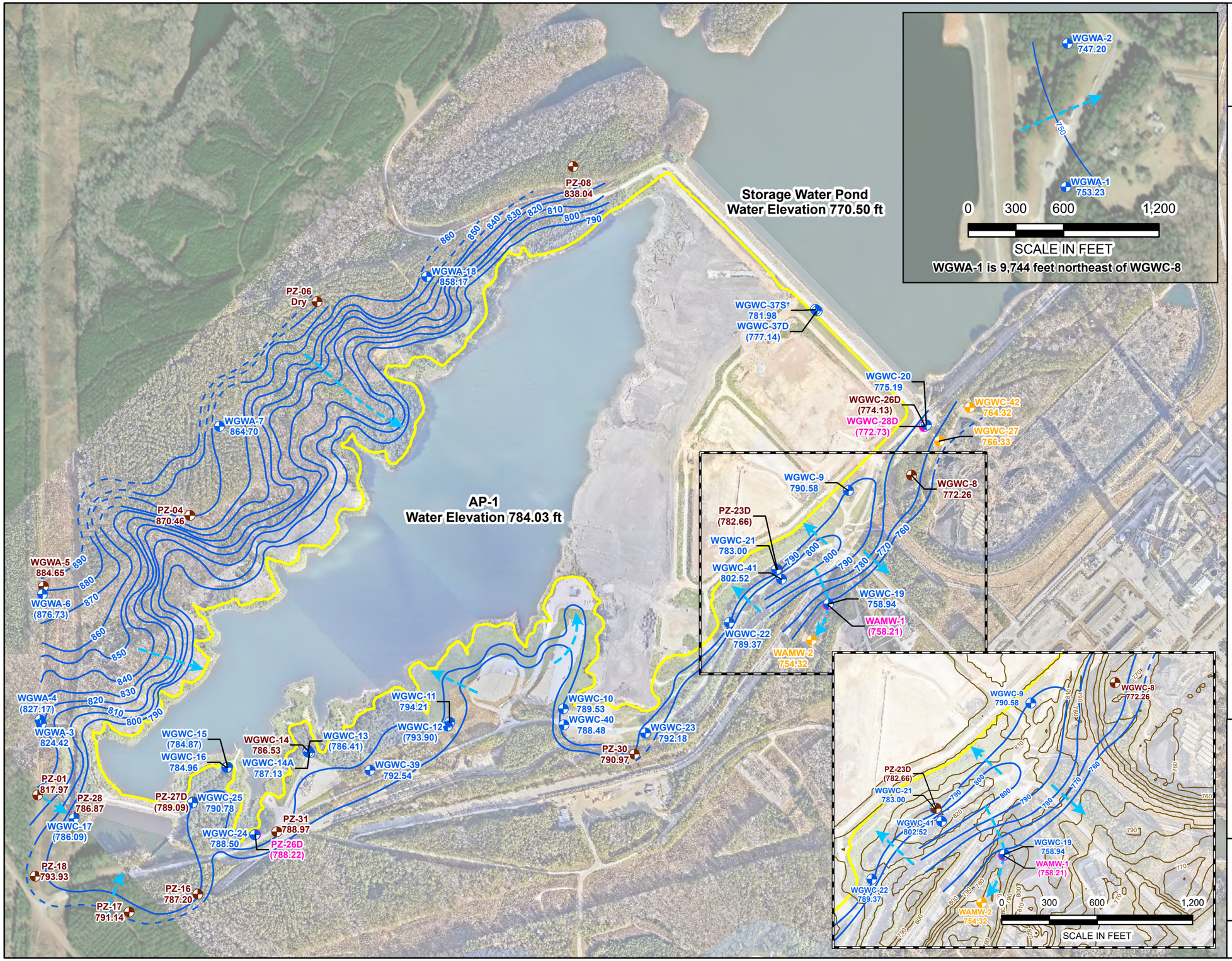
GEORGIA POWER COMPANY
PLANT WANSLEY AP-1
HEARD AND CARROLL COUNTIES, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

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FIGURE 2



N

Legend

- Detection Monitoring Well
- Horizontal Assessment Monitoring Well
- Vertical Assessment Monitoring Well
- Piezometer
- Groundwater Elevation Iso-Contour
- Groundwater Elevation Iso-Contour (Inferred)
- Approximate Groundwater Flow Direction
- Topographic Elevation Contour (10 ft NAVD 88)
- Approximate AP-1 Boundary

DALTON C. KEGLEY * GEORGIA REGISTERED PROFESSIONAL GEOLOGIST No.002484

Notes:
1. Water level elevation recorded on February 10, 2025. Elevation provided in feet (ft) referenced to the North American Vertical Datum 1988 (NAVD 88).
2. * indicates well is 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. WGWC-42 was reclassified as a Horizontal Assessment Monitoring Well and WGWC-8 was reclassified as a Piezometer following the semiannual monitoring event.
5. Service Layer Credit Sources:
 - Immediate vicinity of AP-1: SAM LLC, June 24, 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 2025

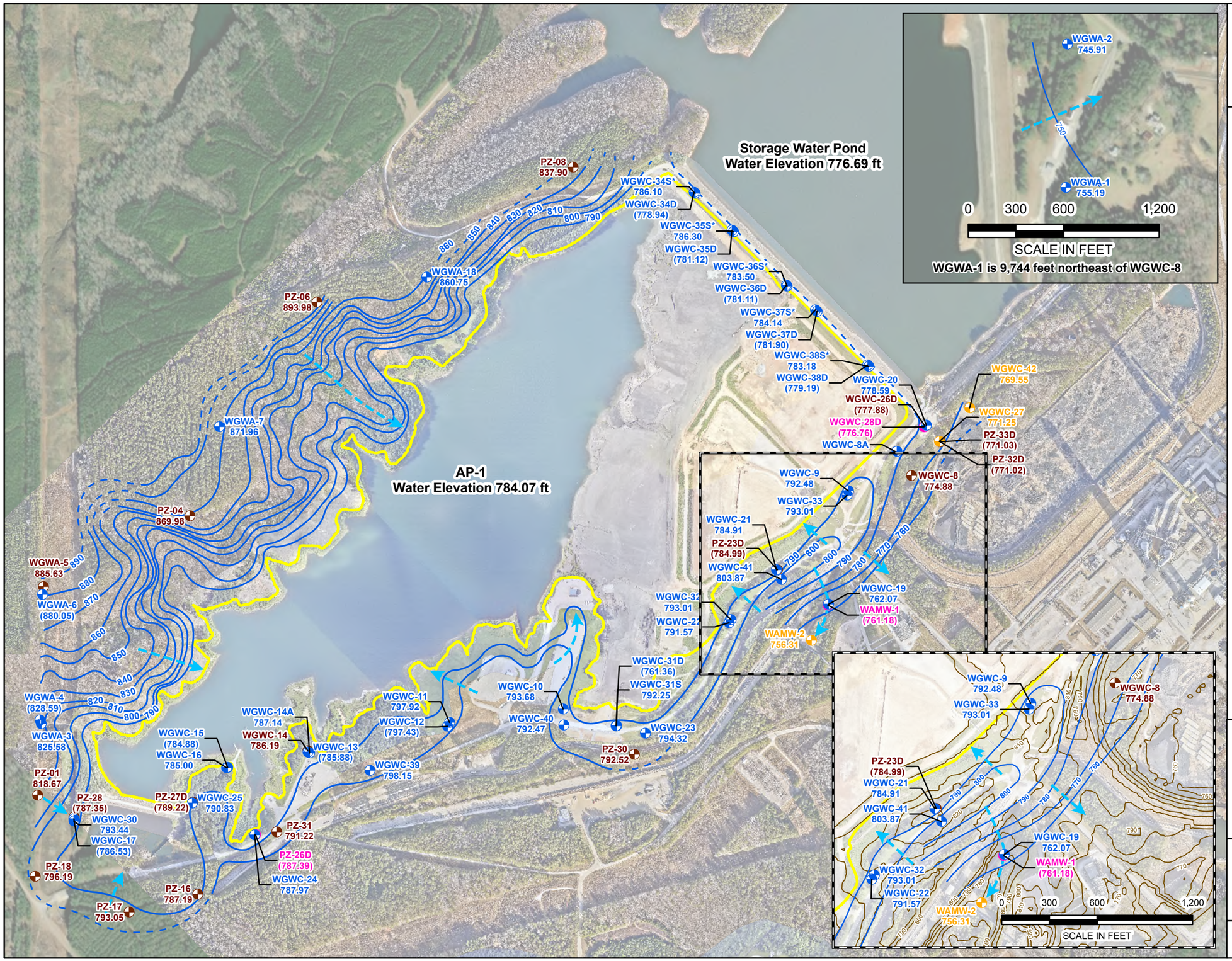
GEORGIA POWER COMPANY
PLANT WANSLEY AP-1
HEARD AND CARROLL COUNTIES, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | JANUARY 2026

FIGURE 3



Legend

- Detection Monitoring Well
- Horizontal Assessment Monitoring Well
- Vertical Assessment Monitoring Well
- Piezometer
- Groundwater Elevation Iso-Contour
- Groundwater Elevation Iso-Contour (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 August 11, 2025. 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. Detection Monitoring Well WGWC-8A was installed October 2025, following the semiannual monitoring event.
5. WGWC-42 was reclassified as a Horizontal Assessment Monitoring Well and WGWC-8 was reclassified as a Piezometer following the semiannual monitoring event.
6. Service Layer Credit Sources:
 - Immediate vicinity of AP-1: SAM LLC, June 24, 2025.
 - Surrounding area: SAM LLC, January 30, 2024, and Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community.

POTENTIOMETRIC SURFACE CONTOUR MAP - AUGUST 2025

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

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | JANUARY 2026

FIGURE 4

APPENDIX A

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

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 GW11293

June 2025

Georgia Power

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 02, 2025
Joseph Ivanowski, P.G.
Georgia Professional Geologist No. 2140
Principal Geologist
Geosyntec Consultants

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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
NAD	North America Datum
NAVD	North American Vertical Datum
NSF	National Sanitation Foundation
ORP	oxygen reduction potential
PVC	polyvinyl chloride
TOC	top of casing
SPT	Standard Penetration Test
US EPA	United States Environmental Protection Agency

1. INTRODUCTION

This report provides details regarding the design, installation, and development of thirteen (13) detection monitoring wells[1] (WGWC-30, WGWC-31D, WGWC-31S, WGWC-32, WGWC-33,WGWC-34D, WGWC-34S, WGWC-35D, WGWC-35S, WGWC-36D, WGWC-36S, WGWC-38D, and WGWC-38S) and the redevelopment of six (6) existing piezometers (PZ-29D, PZ-29S, PZ-15, PZ-12, PZ-10, and PZ-20) to be reclassified as detection monitoring wells[1] (WGWC-37D, WGWC-37S, WGWC-39, WGWC-40, WGWC-41, and WGWC-42), respectively, at Georgia Power Company (Georgia Power) Plant Wansley (Site) Ash Pond 1 (AP-1).

The well installations and redevelopments were 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 Georgia Environmental Protection Division (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 locations of the new detection monitoring wells are shown on **Figure 1**.

[1] For the purposes of this report, unless otherwise specified, the term “well” will be used interchangeably with “piezometer”.

2. DRILLING AND WELL INSTALLATION

Well installation and development activities were performed according to accepted industry standards and followed guidelines within the *Manual for Groundwater Monitoring* (GA EPD, 1991). Well drilling, installation, and surface completion activities were performed by Cascade Drilling, Inc. of Aiken, South Carolina and Thompson Engineering of Mobile, Alabama. 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 these bonds 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.

These wells were installed and completed between December 2024 and March 2025. The locations of the wells are 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 boreholes for WGWC-30, WGWC-31D, WGWC-31S, WGWC-32, and WGWC-33 were advanced using rotasonic drilling techniques with continuous core collection. A track mounted Terra Sonic 150 drill rig was used to install the borings for the wells, using a nominal 6-inch outer drill casing and a 4-inch diameter core barrel.

The boreholes for WGWC-34D, WGWC-34S, WGWC-35D, WGWC-35S, WGWC-36D, WGWC-36S, WGWC-38D and WGWC-38S were advanced using mud rotary drilling techniques using Standard Penetration Tests (SPT) with split spoon sampling. Thompson Engineering utilized a track mounted CME-550X drill rig, using a nominal 6-inch diameter outer drill casing.

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 wells' screened intervals are provided in **Table 1**. The wells are screened from approximately 792.44 to 679.81 feet elevation [referenced to the North

American Vertical Datum of 1988 (NAVD 88)]. Each well was constructed with a 10-foot well screen segment.

2.3 Well Casings and Screens

The wells are constructed of 2-inch inner diameter Schedule 40 polyvinyl chloride (PVC) casing with flush-threaded fittings. The wells were installed with a 10-foot nominal length U-Pack® dual-wall screen with 0.010-inch slots. The casings and screens arrived pre-cleaned and packaged by the manufacturer. The U-Pack screens were 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. Casing and screens are flush-threaded. Solvent or glue was not used to construct the wells. The wells were 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. Details regarding piezometer screening intervals are provided in **Table 1**.

2.4 Well Intake Design

The wells were 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 wells. The 0.010-inch slot size was selected to minimize the inflow of formation material without impairing influent groundwater flow.

2.5 Filter Pack

Highly Pure Quartzite 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. The depth of the 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 time-release-coated 3/8-inch bentonite pellets) was placed immediately above each 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-30, WGWC-31D, WGWC-31S, WGWC-32, WGWC-33, WGWC-34S, WGWC-35S, WGWC-36S, and WGWC-38S was grouted with either AQUAGUARD® bentonite or a cement/bentonite grout 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 assure 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.

The annulus above the bentonite seal for WGWC-34D, WGWC-35D, WGWC-36D, and WGWC-37D was filled with bentonite chips to above the anticipated screen interval of the adjacent shallow well pair by gravity-pouring into the annular space and hydrating per manufacturer's specifications. A weighted tag line was used to probe the annular space to ensure that no bridging occurred. Once hydrated, the annulus above the bentonite chips was grouted with a cement/bentonite grout placed via tremie pipe in multiple lifts (initial grouting) and direct pour methods (for topping off). During grouting, care was taken to assure that the bentonite chips were not disturbed by locating the base of the tremie pipe approximately 2 feet above the bentonite chips and injecting grout at low pressure/velocity.

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

2.7 Cap and Protective Casing

The well risers for WGWC-30, WGWC-31D, WGWC-31S, WGWC-32, and WGWC-33 were completed as stick-up locations 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 wells. 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 wells were clearly marked with the proper well identification number on the stand-up casing.

WGWC-34D, WGWC-34S, WGWC-35D, WGWC-35S, WGWC-36D, WGWC-36S, WGWC-38D and WGWC-38S were installed within a flush-mounted well vault and watertight flush-mounted well cover. The wells were clearly marked with the proper well identification number on a secured aluminum well tag on the manhole cover.

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

3. WELL DEVELOPMENT

Thirteen (13) newly installed wells (WGWC-30, WGWC-31D, WGWC-31S, WGWC-32, WGWC-33,WGWC-34D, WGWC-34S, WGWC-35D, WGWC-35S, WGWC-36D, WGWC-36S, WGWC-38D, and WGWC-38S) were developed by either Atlantic Coast Consulting (ACC) or Geosyntec 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 wells were 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. Monitoring well WGWC-31D purges dry prior to being fully developed and will continue to be evaluated regarding further development and sampling efforts. The development field forms provided by ACC and Geosyntec are included in **Appendix C**.

Six (6) existing piezometers (PZ-29D, PZ-29S, PZ-15, PZ-12, PZ-10, and PZ-20) will be reclassified as detection monitoring wells (WGWC-37D, WGWC-37S, WGWC-39, WGWC-40, WGWC-41, and WGWC-42), respectively. To support this transition, these piezometers were redeveloped by 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 piezometers were 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 forms provided by ACC are included in **Appendix C**. The locations of these piezometers are shown on **Figure 1**. Well construction details are provided in **Table 1**. The boring and well construction data for these wells can be found within their respective original well installation reports.

4. SURVEY

Upon completion of the well installation, horizontal locations and vertical elevations of the newly installed detection monitoring wells were surveyed by Thompson Engineering, a Georgia-licensed surveyor and certified on April 9, 2025. 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 detection monitoring wells is provided in **Appendix D.** Certified survey data for the reclassified locations is referenced from the respective original well installation reports.

5. REFERENCES

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

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

Well ID	Previous 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 btoc) [3]
Newly Installed Detection Monitoring Wells										
WGWC-30	--	Downgradient	12/9/2024	1240032.73	2022624.29	812.44	815.20	792.03	782.03	33.50
WGWC-31D	--	Downgradient	12/9/2024	1240831.55	2027168.07	811.79	814.61	734.54	724.54	90.40
WGWC-31S	--	Downgradient	12/6/2024	1240831.58	2027173.44	811.74	814.69	782.45	772.45	42.57
WGWC-32	--	Downgradient	12/10/2024	1241721.24	2028131.52	807.70	810.23	786.16	776.16	34.40
WGWC-33	--	Downgradient	12/11/2024	1242764.83	2029104.26	809.71	812.09	784.72	774.72	37.70
WGWC-34D	--	Downgradient	3/9/2025	1245303.30	2027822.22	806.31	806.04	724.22	714.22	92.15
WGWC-34S	--	Downgradient	3/19/2025	1245294.99	2027830.72	806.28	805.77	769.50	759.50	46.60
WGWC-35D	--	Downgradient	3/6/2025	1244985.87	2028140.13	806.27	806.02	698.55	688.55	117.80
WGWC-35S	--	Downgradient	2/26/2025	1244973.26	2028152.75	806.24	805.95	755.68	745.68	60.60
WGWC-36D	--	Downgradient	2/24/2025	1244524.68	2028595.96	805.81	805.56	689.79	679.79	126.10
WGWC-36S	--	Downgradient	2/21/2025	1244517.48	2028601.76	805.81	805.62	758.25	748.25	57.70
WGWC-38D	--	Downgradient	1/31/2025	1243855.62	2029276.99	806.37	806.15	726.73	716.73	89.75
WGWC-38S	--	Downgradient	2/2/2025	1243844.64	2029287.40	806.32	806.07	756.90	746.90	59.50
Reclassified Locations										
WGWC-37D	PZ-29D	Downgradient	11/1/2020	1244304.90	2028853.29	805.77	805.24	688.69	678.69	126.95
WGWC-37S	PZ-29S	Downgradient	10/31/2020	1244317.13	2028839.68	805.80	805.30	770.28	760.28	45.42
WGWC-39	PZ-15	Downgradient	12/10/2014	1240457.61	2025105.38	824.59	826.86	795.79	785.79	41.46
WGWC-40	PZ-12	Downgradient	12/08/2014	1240837.96	2026731.01	816.17	818.74	779.37	769.37	49.78
WGWC-41	PZ-10	Downgradient	12/05/2014	1242058.41	2028554.29	829.26	832.02	810.46	800.46	31.96
WGWC-42	PZ-20	Downgradient	01/31/2017	1243496.86	2030132.73	784.45	787.30	759.45	749.45	37.85

Notes:
AP = ash pond
ID = identification
ft = feet
btoc = below top of casing
(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 9, 2025.
Survey data for reclassified locations is referenced from applicable original well installation reports.
(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

- Newly Installed Detection Monitoring Well (2024 to 2025)
- Reclassified Detection Monitoring Well
- Approximate AP-1 Boundary

Notes:
1. Detection Monitoring Wells WGWC-30, WGWC-31D, WGWC-31S, WGWC-32, and WGWC-33 were installed December 2024. WGWC-34D, WGWC-34S, WGWC-35D, WGWC-35S, WGWC-36D, WGWC-36S, WGWC-38D and WGWC-38S were installed between January and March 2025.
2. Service Layer Credit Sources:
 - Immediate vicinity of AP-1: SAM LLC, January 6, 2025.
 - Surrounding area: SAM LLC, January 30, 2024, and Source: Esri, Maxar, 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 | JUNE 2025

FIGURE 1

APPENDIX A

Well Driller Performance Bonds

CONTINUATION
CERTIFICATE

Atlantic Specialty Insurance Company , Surety upon

a certain Bond No. 800033976

dated effective September 27, 2017
(MONTH-DAY-YEAR)

on behalf of Ricky Davis / Cascade Drilling, L.P.
(PRINCIPAL)

and in favor of Department of Natural Resources, State of Georgia
(OBLIGEE)

does hereby continue said bond in force for the further period

beginning on June 30, 2023
(MONTH-DAY-YEAR)

and ending on June 30, 2025
(MONTH-DAY-YEAR)

Amount of bond Thirty Thousand and 00/100 Dollars ($30,000.00)

Description of bond Performance Bond for Water Well Contractors

Premium:

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

Signed and dated on April 13, 2023
(MONTH-DAY-YEAR)

Atlantic Specialty Insurance Company

By _____
ATTORNEY-IN-FACT Carlos A. Albelo

intact INSURANCE

Power of Attorney

KNOW ALL MEN BY THESE PRESENTS, that ATLANTIC SPECIALTY INSURANCE COMPANY, a New York corporation with its principal office in Plymouth, Minnesota, does hereby constitute and appoint: **Megan Sivley, Melissa Haddick, Sandra Parker, Orlando Aguirre, Stacy Killebrew, Carlos A. Albelo**, each individually if there be more than one named, its true and lawful Attorney-in-Fact, to make, execute, seal and deliver, for and on its behalf as surety, any and all bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof; provided that no bond or undertaking executed under this authority shall exceed in amount the sum of: **unlimited** and the execution of such bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof in pursuance of these presents, shall be as binding upon said Company as if they had been fully signed by an authorized officer of the Company and sealed with the Company seal. This Power of Attorney is made and executed by authority of the following resolutions adopted by the Board of Directors of ATLANTIC SPECIALTY INSURANCE COMPANY on the twenty-fifth day of September, 2012:

Resolved: That the President, any Senior Vice President or Vice-President (each an "Authorized Officer") may execute for and in behalf of the Company any and all bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof, and affix the seal of the Company thereto; and that the Authorized Officer may appoint and authorize an Attorney-in-Fact to execute on behalf of the Company any and all such instruments and to affix the Company seal thereto; and that the Authorized Officer may at any time remove any such Attorney-in-Fact and revoke all power and authority given to any such Attorney-in-Fact.

Resolved: That the Attorney-in-Fact may be given full power and authority to execute for and in the name and on behalf of the Company any and all bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof, and any such instrument executed by any such Attorney-in-Fact shall be as binding upon the Company as if signed and sealed by an Authorized Officer and, further, the Attorney-in-Fact is hereby authorized to verify any affidavit required to be attached to bonds, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof.

This power of attorney is signed and sealed by facsimile under the authority of the following Resolution adopted by the Board of Directors of ATLANTIC SPECIALTY INSURANCE COMPANY on the twenty-fifth day of September, 2012:

Resolved: That the signature of an Authorized Officer, the signature of the Secretary or the Assistant Secretary, and the Company seal may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing an Attorney-in-Fact for purposes only of executing and sealing any bond, undertaking, recognizance or other written obligation in the nature thereof, and any such signature and seal where so used, being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed.

IN WITNESS WHEREOF, ATLANTIC SPECIALTY INSURANCE COMPANY has caused these presents to be signed by an Authorized Officer and the seal of the Company to be affixed this first day of January, 2023.

ATLANTIC SPECIALTY INSURANCE COMPANY CORPORATE SEAL 1986 NEW YORK

By _____
Sarah A. Kolar, General Counsel

STATE OF MINNESOTA
HENNEPIN COUNTY

On this first day of January, 2023, before me personally came Sarah A. Kolar, General Counsel of ATLANTIC SPECIALTY INSURANCE COMPANY, to me personally known to be the individual and officer described in and who executed the preceding instrument, and she acknowledged the execution of the same, and being by me duly sworn, that she is the said officer of the Company aforesaid, and that the seal affixed to the preceding instrument is the seal of said Company and that the said seal and the signature as such officer was duly affixed and subscribed to the said instrument by the authority and at the direction of the Company.

ALISON DWAN NASH-TROUT
NOTARY PUBLIC - MINNESOTA
My Commission Expires
January 31, 2026

_____
Notary Public

I, the undersigned, Secretary of ATLANTIC SPECIALTY INSURANCE COMPANY, a New York Corporation, do hereby certify that the foregoing power of attorney is in full force and has not been revoked, and the resolutions set forth above are now in force.

Signed and sealed. Dated 13th day of April, 2023.

ATLANTIC SPECIALTY INSURANCE COMPANY CORPORATE SEAL 1986 NEW YORK

This Power of Attorney expires
January 31, 2025

_____
Kara Barrow, Secretary

Please direct bond verifications to surety@intactinsurance.com

WESTERN SURETY COMPANY • ONE OF AMERICA'S OLDEST BONDING COMPANIES

Western Surety Company

CONTINUATION CERTIFICATE

Western Surety Company hereby continues in force Bond No. 30108535

briefly described as Drilling for State of Georgia

bound unto State of Georgia,

for Thompson Engineering, Inc.

, as Principal,

in the sum of $ Fifteen Thousand and 00/100 Dollars, for the term beginning

June 30th, 2023, and ending June 30th, 2025, subject to all

the covenants and conditions of the original bond referred to above.

This continuation is issued upon the express condition that the liability of Western Surety Company under said Bond and this and all continuations thereof shall not be cumulative and shall in no event exceed the total sum above written.

Dated this 11th day of May, 2023.

WESTERN SURETY COMPANY

By _____
Larry Kasten,
Vice President

WESTERN SURETY COMPANY CORPORATE SEAL SOUTH DAKOTA

THIS "Continuation Certificate" MUST BE FILED WITH THE ABOVE BOND.

Form 90-A-8-2012

WESTERN SURETY COMPANY • ONE OF AMERICA'S OLDEST BONDING COMPANIES

Western Surety Company

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS:

That WESTERN SURETY COMPANY, a corporation organized and existing under the laws of the State of South Dakota, and authorized and licensed to do business in the States of Alabama, Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming, and the United States of America, does hereby make, constitute and appoint

Larry Kasten of Sioux Falls,
State of South Dakota, its regularly elected Vice President,
as Attorney-in-Fact, with full power and authority hereby conferred upon him to sign, execute, acknowledge and deliver for and on its behalf as Surety and as its act and deed, the following bond number: 30108535

One Drilling for State of Georgia

bond bound unto State of Georgia

for Thompson Engineering, Inc.
as Principal in the penalty amount not to exceed: $15,000.00.

Western Surety Company further certifies that the following is a true and exact copy of Section 7 of the by-laws of Western Surety Company duly adopted and now in force, to-wit:

Section 7. All bonds, policies, undertakings, Powers of Attorney, or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, any Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys-in-Fact or agents who shall have authority to issue bonds, policies, or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile.

In Witness Whereof, the said WESTERN SURETY COMPANY has caused these presents to be executed by its Vice President with the corporate seal affixed this 11th day of May, 2023.

ATTEST

L. Bauder, Assistant Secretary

WESTERN SURETY COMPANY

By

Larry Kasten, Vice President

WESTERN SURETY COMPANY CORPORATE SEAL SOUTH DAKOTA

STATE OF SOUTH DAKOTA }
COUNTY OF MINNEHAHA } ss

On this 11th day of May, 2023, before me, a Notary Public, personally appeared Larry Kasten and L. Bauder who, being by me duly sworn, acknowledged that they signed the above Power of Attorney as Vice President and Assistant Secretary, respectively, of the said WESTERN SURETY COMPANY, and acknowledged said instrument to be the voluntary act and deed of said Corporation.

M. BENT
NOTARY PUBLIC
SOUTH DAKOTA
SEAL SEAL

M. Bent
Notary Public

My Commission Expires March 2, 2026

To validate bond authenticity, go to www.cnasurety.com > Owner/Obligee Services > Validate Bond Coverage.

Form F1975-11-2022

APPENDIX B

Boring and Well Construction Logs

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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

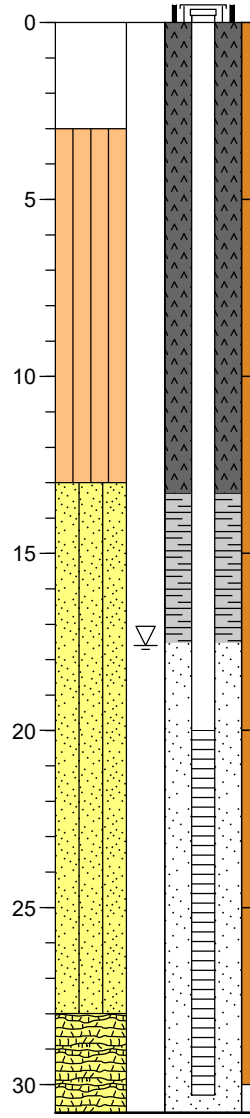
NOTES:

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Client: Southern Company Services
Project: Plant Wansley Well Installation
Address: 1371 Liberty Church Rd, Carrollton, GA

WELL LOG
Well No. WGWC-30
Page: 1 of 1

Drilling Start Date:	**12/9/2024**	Boring Depth (ft):	**30.8**	Well Depth (ft bgs):	**30.74**
Drilling End Date:	**12/9/2024**	Boring Diameter (in):	**4x6**	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 btoc):	**20.36**	Riser Material:	**Sch 40 PVC**
Drilling Equipment:	**Terrasonic TSI-150**	Ground Surface Elev. (ft):	**812.44**	Screen Material:	**Sch 40 PVC U-Pack**
Driller:	**C. Franklin**	Top of Casing Elev. (ft):	**815.20**	Seal Material(s):	**Grout, Bentonite**
Logged By:	**G. Kouvatsis**	North,East (ft):	**1240032.73, 2022624.29**	Filter Pack:	**#20/40 Sand**



DEPTH (FT)	Sample Type	Blow Counts	Recovery (%)	N Value	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD88)
0	CB	--	90	--	(0') No Sample - Hand Auger.	810
5	CB	--	80	--	(3') Clayey SILT (ML); reddish-brown (5YR 6/8) with mottling, moist, soft.	805
10	CB	--	76	--	(7') Clayey SILT (ML); pale brown (10YR 7/6), moist, soft, trace sand increasing with depth.	800
15	CB	--	100	--	(13') Silty SAND (SM); pale brown (10YR 7/6), dry/moist, fine to medium grained.	795
20	CB	--	82	--		790
25	CB	--	78	--		785
30					(28') SAPROLITE; pale brown (10YR 7/6), dry/moist, recovered as silty fine to medium grained sand (relict rock structure).	

(30.8') Boring terminated.

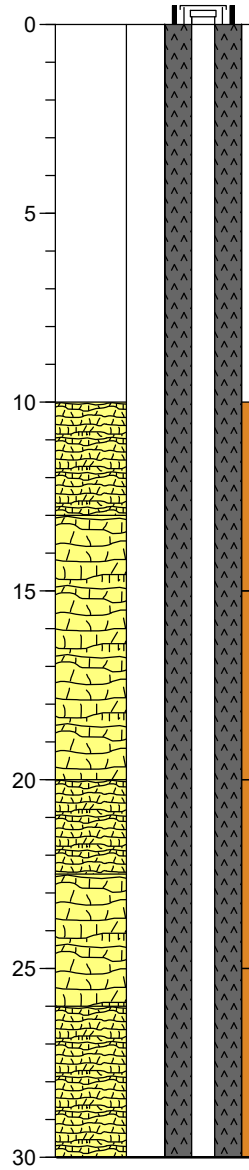
NOTES: Well sealed with bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and aboveground (+2.76 ft) PVC stickup with metal protective cover and guard posts set in concrete. Well depth measured from ground surface. Coordinates in North American Datum (NAD) 1983, State Plane, Georgia-West, feet. Vertical elevations are referenced to the North American Vertical Datum (NAVD) of 1988.

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Client: Southern Company Services
Project: Plant Wansley Well Installation
Address: 1371 Liberty Church Rd, Carrollton, GA

WELL LOG
Well No. WGWC-31D
Page: 1 of 3

Drilling Start Date:	12/6/2024	Boring Depth (ft):	90	Well Depth (ft bgs):	87.58
Drilling End Date:	12/9/2024	Boring Diameter (in):	4x6	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 btoc):	79.73	Riser Material:	Sch 40 PVC
Drilling Equipment:	Terrasonic TSI-150	Ground Surface Elev. (ft):	811.79	Screen Material:	Sch 40 PVC U-Pack
Driller:	C. Franklin	Top of Casing Elev. (ft):	814.61	Seal Material(s):	Grout, Bentonite
Logged By:	G. Kouvatsis	North,East (ft):	1240831.55, 2027168.07	Filter Pack:	#20/40 Sand



DEPTH (FT)	Sample Type	Blow Counts	Recovery (%)	N Value	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD88)
0					(0') Hydrovac excavation. No sample.	810
5						805
10	CB	--	100	--	(10') SAPROLITE; pale brown (7.5YR 7/4), dry.	800
15	CB	--	100	--	(13') PARTIALLY WEATHERED ROCK; brown (7.5YR 8/3), dry, relict rock fragments.	795
20	CB	--	80	--	(20') SAPROLITE; pale brown (7.5YR 7/4), dry, pulverized down to silt.	790
25	CB	--	72	--	(22.5') PARTIALLY WEATHERED ROCK; light brown-gray (7.5YR 8/1), moist. (26') SAPROLITE; brown (7.5YR 7/4), dry, white laminations and oxidized fractures.	785
30						

NOTES: Boring cleared to 10 ft bgs using hydrovac. Well sealed with bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and aboveground (+2.87 ft) PVC stickup with metal protective cover and guard posts 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.

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Client: Southern Company Services
Project: Plant Wansley Well Installation
Address: 1371 Liberty Church Rd, Carrollton, GA

WELL LOG
Well No. WGWC-31D
Page: 2 of 3

Drilling Start Date:	12/6/2024	Boring Depth (ft):	90	Well Depth (ft bgs):	87.58
Drilling End Date:	12/9/2024	Boring Diameter (in):	4x6	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 btoc):	79.73	Riser Material:	Sch 40 PVC
Drilling Equipment:	Terrasonic TSI-150	Ground Surface Elev. (ft):	811.79	Screen Material:	Sch 40 PVC U-Pack
Driller:	C. Franklin	Top of Casing Elev. (ft):	814.61	Seal Material(s):	Grout, Bentonite
Logged By:	G. Kouvatsis	North,East (ft):	1240831.55, 2027168.07	Filter Pack:	#20/40 Sand

DEPTH (FT)	LITHOLOGY	WATER LEVEL	WELL COMPLETION	Sample Type	Blow Counts	Recovery (%)	N Value	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD88)
30				CB	--	100	--	(30') PARTIALLY WEATHERED ROCK; brown-red-yellowish (7.5YR 8/6), moist/wet, loose-firm, pulverized.	780
35				CB	--	90	--	(35') PARTIALLY WEATHERED ROCK; red-gray (7.5YR 8/3), moist, rock fragments, oxidized.	775
40				CB	--	90	--		770
45								(44') Pulverized material recovered as sand (<1 foot recovery). **REMARK:** No recovery. Top of rock; bag was mostly water with some sand and rock fragments from 44-50 ft bgs.	765
50								(50') No recovery.	760
55									755
60									

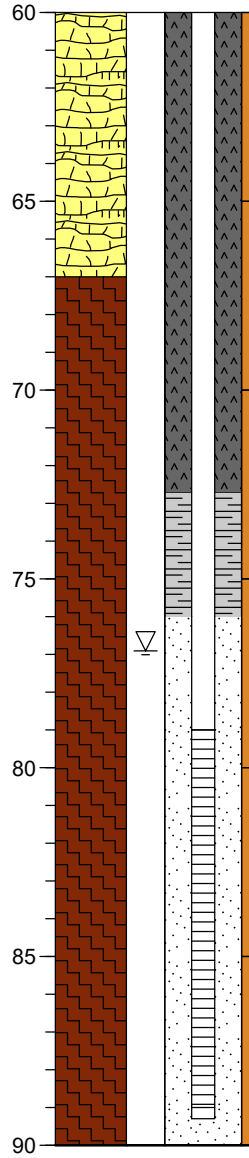
NOTES: Boring cleared to 10 ft bgs using hydrovac. Well sealed with bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and aboveground (+2.87 ft) PVC stickup with metal protective cover and guard posts set in concrete. Well depth measured from ground surface. 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.

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Client: Southern Company Services
Project: Plant Wansley Well Installation
Address: 1371 Liberty Church Rd, Carrollton, GA

WELL LOG
Well No. WGWC-31D
Page: 3 of 3

Drilling Start Date:	**12/6/2024**	Boring Depth (ft):	**90**	Well Depth (ft bgs):	**87.58**
Drilling End Date:	**12/9/2024**	Boring Diameter (in):	**4x6**	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 btoc):	**79.73**	Riser Material:	**Sch 40 PVC**
Drilling Equipment:	**Terrasonic TSI-150**	Ground Surface Elev. (ft):	**811.79**	Screen Material:	**Sch 40 PVC U-Pack**
Driller:	**C. Franklin**	Top of Casing Elev. (ft):	**814.61**	Seal Material(s):	**Grout, Bentonite**
Logged By:	**G. Kouvatsis**	North,East (ft):	**1240831.55, 2027168.07**	Filter Pack:	**#20/40 Sand**



DEPTH (FT)	Sample Type	Blow Counts	Recovery (%)	N Value	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD88)
60	CB	--	90	--	(60') PARTIALLY WEATHERED ROCK; brown-gray (7.5YR 8/3), wet, relict rock, gneiss fragments, heavily oxidized.	750
65	CB	--	80	--	(67') GNEISS; pink-gray (7.5YR 6/2), dry, hard, foliated, highly fractured, some oxidation present.	745
70	CB	--	100	--	(70') GNEISS; pink-gray (7.5YR 6/2), dry with few wet zones, hard, fractured, oxidation marks on some fractures.	740
75	CB	--	100	--		735
80	CB	--	60	--	(80') GNEISS; pink-gray (7.5YR 6/2), hard, fragmented with some large pieces, some oxidation marks.	730
85	CB	--	60	--		725
90					(90') Boring terminated.	

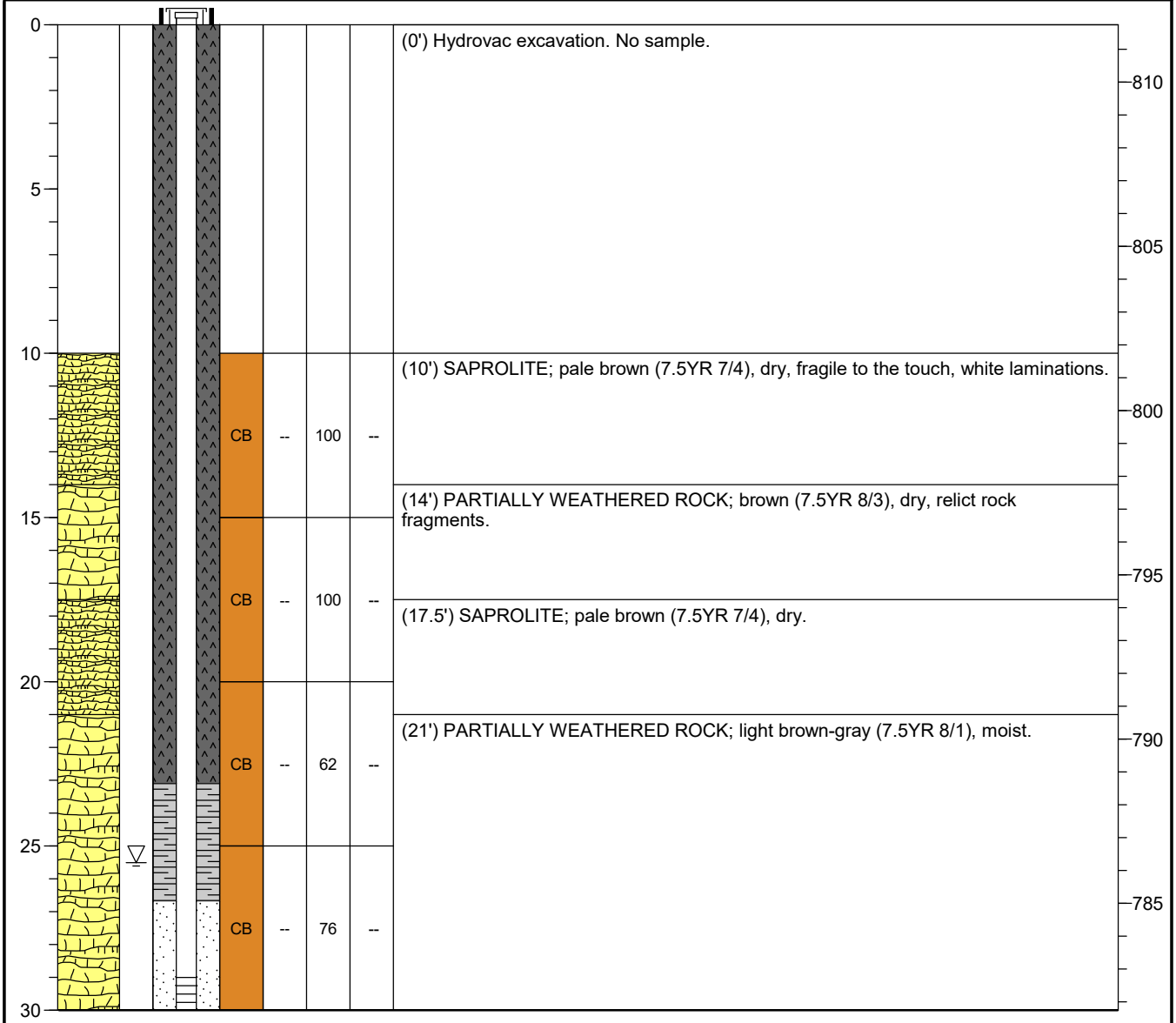
NOTES: Boring cleared to 10 ft bgs using hydrovac. Well sealed with bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and aboveground (+2.87 ft) PVC stickup with metal protective cover and guard posts set in concrete. Well depth measured from ground surface. 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.

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Client: Southern Company Services
Project: Plant Wansley Well Installation
Address: 1371 Liberty Church Rd, Carrollton, GA

WELL LOG
Well No. WGWC-31S
Page: 1 of 2

Drilling Start Date:	12/6/2024	Boring Depth (ft):	40	Well Depth (ft bgs):	39.62
Drilling End Date:	12/6/2024	Boring Diameter (in):	4x6	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 btoc):	28.46	Riser Material:	Sch 40 PVC
Drilling Equipment:	Terrasonic TSI-150	Ground Surface Elev. (ft):	811.74	Screen Material:	Sch 40 PVC U-Pack
Driller:	C. Franklin	Top of Casing Elev. (ft):	814.69	Seal Material(s):	Grout, Bentonite
Logged By:	G. Kouvatsis	North,East (ft):	1240831.58, 2027173.44	Filter Pack:	#20/40 Sand



NOTES: Boring cleared to 10 ft bgs using hydrovac. Well sealed with bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and aboveground (+2.90 ft) PVC stickup with metal protective cover and guard posts 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.

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Client: Southern Company Services
Project: Plant Wansley Well Installation
Address: 1371 Liberty Church Rd, Carrollton, GA

WELL LOG
Well No. WGWC-31S
Page: 2 of 2

Drilling Start Date:	**12/6/2024**	Boring Depth (ft):	**40**	Well Depth (ft bgs):	**39.62**
Drilling End Date:	**12/6/2024**	Boring Diameter (in):	**4x6**	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 btoc):	**28.46**	Riser Material:	**Sch 40 PVC**
Drilling Equipment:	**Terrasonic TSI-150**	Ground Surface Elev. (ft):	**811.74**	Screen Material:	**Sch 40 PVC U-Pack**
Driller:	**C. Franklin**	Top of Casing Elev. (ft):	**814.69**	Seal Material(s):	**Grout, Bentonite**
Logged By:	**G. Kouvatsis**	North,East (ft):	**1240831.58, 2027173.44**	Filter Pack:	**#20/40 Sand**

DEPTH (FT)	LITHOLOGY	WATER LEVEL	WELL COMPLETION	Sample Type	Blow Counts	Recovery (%)	N Value	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD88)
30				CB	--	100	--	(30') SAPROLITE; pinkish pale brown (7.5YR 8/3), moist.	780
35				CB	--	80	--	(35') PARTIALLY WEATHERED ROCK; light brown-gray (7.5YR 8/1), moist.	775
								(37.5') SAPROLITE; brown (7.5YR 8/3), moist/wet, relict rock fragments of gneiss, oxidation marks.	
40								(40') Boring terminated.	

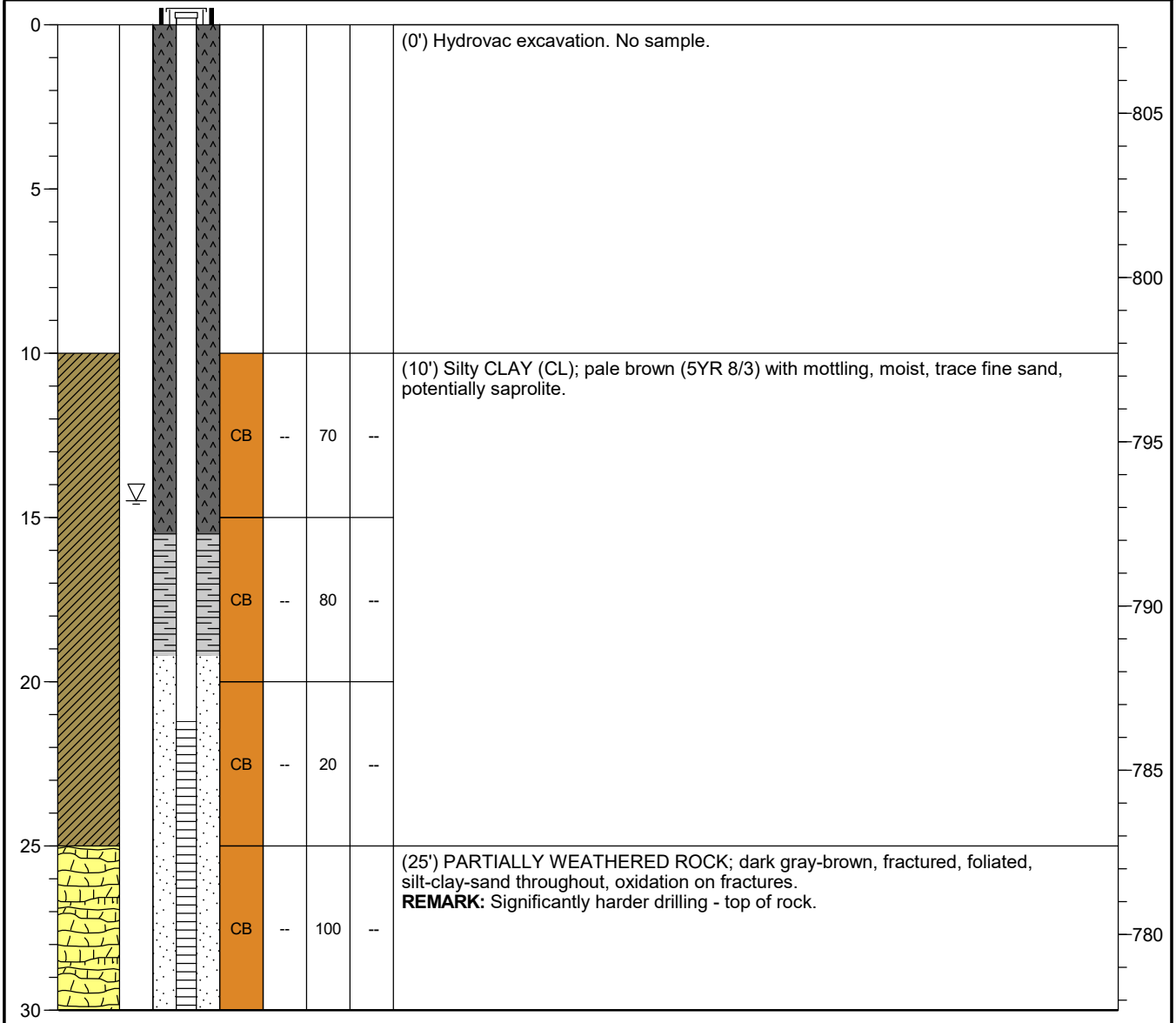
NOTES: Boring cleared to 10 ft bgs using hydrovac. Well sealed with bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and aboveground (+2.90 ft) PVC stickup with metal protective cover and guard posts set in concrete. Well depth measured from ground surface. 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.

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Client: Southern Company Services
Project: Plant Wansley Well Installation
Address: 1371 Liberty Church Rd, Carrollton, GA

WELL LOG
Well No. WGWC-32
Page: 1 of 2

Drilling Start Date:	12/10/2024	Boring Depth (ft):	32	Well Depth (ft bgs):	31.87
Drilling End Date:	12/10/2024	Boring Diameter (in):	4x6	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 btoc):	17.02	Riser Material:	Sch 40 PVC
Drilling Equipment:	Terrasonic TSI-150	Ground Surface Elev. (ft):	807.70	Screen Material:	Sch 40 PVC U-Pack
Driller:	C. Franklin	Top of Casing Elev. (ft):	810.23	Seal Material(s):	Grout, Bentonite
Logged By:	G. Kouvatsis	North,East (ft):	1241721.24, 2028131.52	Filter Pack:	#20/40 Sand



NOTES: Boring cleared to 10 ft bgs using hydrovac. Well sealed with bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and aboveground (+2.53 ft) PVC stickup with metal protective cover and guard posts 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.

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Client: Southern Company Services
Project: Plant Wansley Well Installation
Address: 1371 Liberty Church Rd, Carrollton, GA

WELL LOG
Well No. WGWC-32
Page: 2 of 2

Drilling Start Date:	**12/10/2024**	Boring Depth (ft):	**32**	Well Depth (ft bgs):	**31.87**
Drilling End Date:	**12/10/2024**	Boring Diameter (in):	**4x6**	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 btoc):	**17.02**	Riser Material:	**Sch 40 PVC**
Drilling Equipment:	**Terrasonic TSI-150**	Ground Surface Elev. (ft):	**807.70**	Screen Material:	**Sch 40 PVC U-Pack**
Driller:	**C. Franklin**	Top of Casing Elev. (ft):	**810.23**	Seal Material(s):	**Grout, Bentonite**
Logged By:	**G. Kouvatsis**	North,East (ft):	**1241721.24, 2028131.52**	Filter Pack:	**#20/40 Sand**

DEPTH (FT)	LITHOLOGY	WATER LEVEL	WELL COMPLETION	Sample Type	Blow Counts	Recovery (%)	N Value	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD88)
30				CB	--	100	--		

(32') Boring terminated.

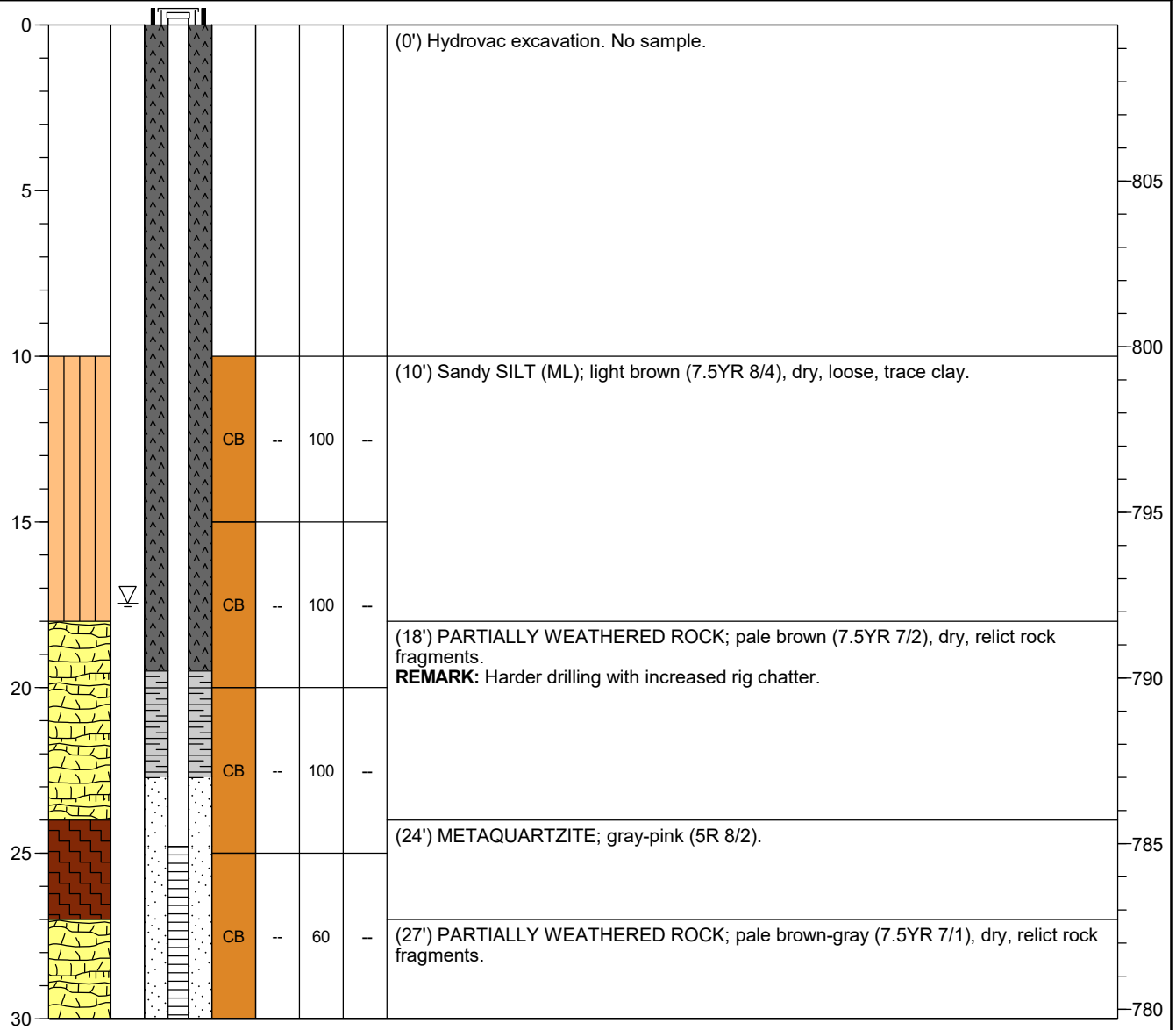
NOTES: Boring cleared to 10 ft bgs using hydrovac. Well sealed with bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and aboveground (+2.53 ft) PVC stickup with metal protective cover and guard posts set in concrete. Well depth measured from ground surface. 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.

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Client: Southern Company Services
Project: Plant Wansley Well Installation
Address: 1371 Liberty Church Rd, Carrollton, GA

WELL LOG
Well No. WGWC-33
Page: 1 of 2

Drilling Start Date:	12/11/2024	Boring Depth (ft):	36	Well Depth (ft bgs):	35.32
Drilling End Date:	12/11/2024	Boring Diameter (in):	4x6	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 btoc):	19.84	Riser Material:	Sch 40 PVC
Drilling Equipment:	Terrasonic TSI-150	Ground Surface Elev. (ft):	809.71	Screen Material:	Sch 40 PVC U-Pack
Driller:	C. Franklin	Top of Casing Elev. (ft):	812.09	Seal Material(s):	Grout, Bentonite
Logged By:	G. Kouvatsis	North,East (ft):	1242764.83, 2029104.26	Filter Pack:	#20/40 Sand



NOTES: Boring cleared to 10 ft bgs using hydrovac. Well sealed with bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and aboveground (+2.38 ft) PVC stickup with metal protective cover and guard posts 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.

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Client: Southern Company Services
Project: Plant Wansley Well Installation
Address: 1371 Liberty Church Rd, Carrollton, GA

WELL LOG
Well No. WGWC-33
Page: 2 of 2

Drilling Start Date:	**12/11/2024**	Boring Depth (ft):	**36**	Well Depth (ft bgs):	**35.32**
Drilling End Date:	**12/11/2024**	Boring Diameter (in):	**4x6**	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 btoc):	**19.84**	Riser Material:	**Sch 40 PVC**
Drilling Equipment:	**Terrasonic TSI-150**	Ground Surface Elev. (ft):	**809.71**	Screen Material:	**Sch 40 PVC U-Pack**
Driller:	**C. Franklin**	Top of Casing Elev. (ft):	**812.09**	Seal Material(s):	**Grout, Bentonite**
Logged By:	**G. Kouvatsis**	North,East (ft):	**1242764.83, 2029104.26**	Filter Pack:	**#20/40 Sand**

DEPTH (FT)	LITHOLOGY	WATER LEVEL	WELL COMPLETION	Sample Type	Blow Counts	Recovery (%)	N Value	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD88)
30				CB	--	60	--		
35				CB	--	60	--	(33') METAQUARTZITE; gray-pink (5R 8/2), fractured, heavily oxidized.	775

(36') Boring terminated.

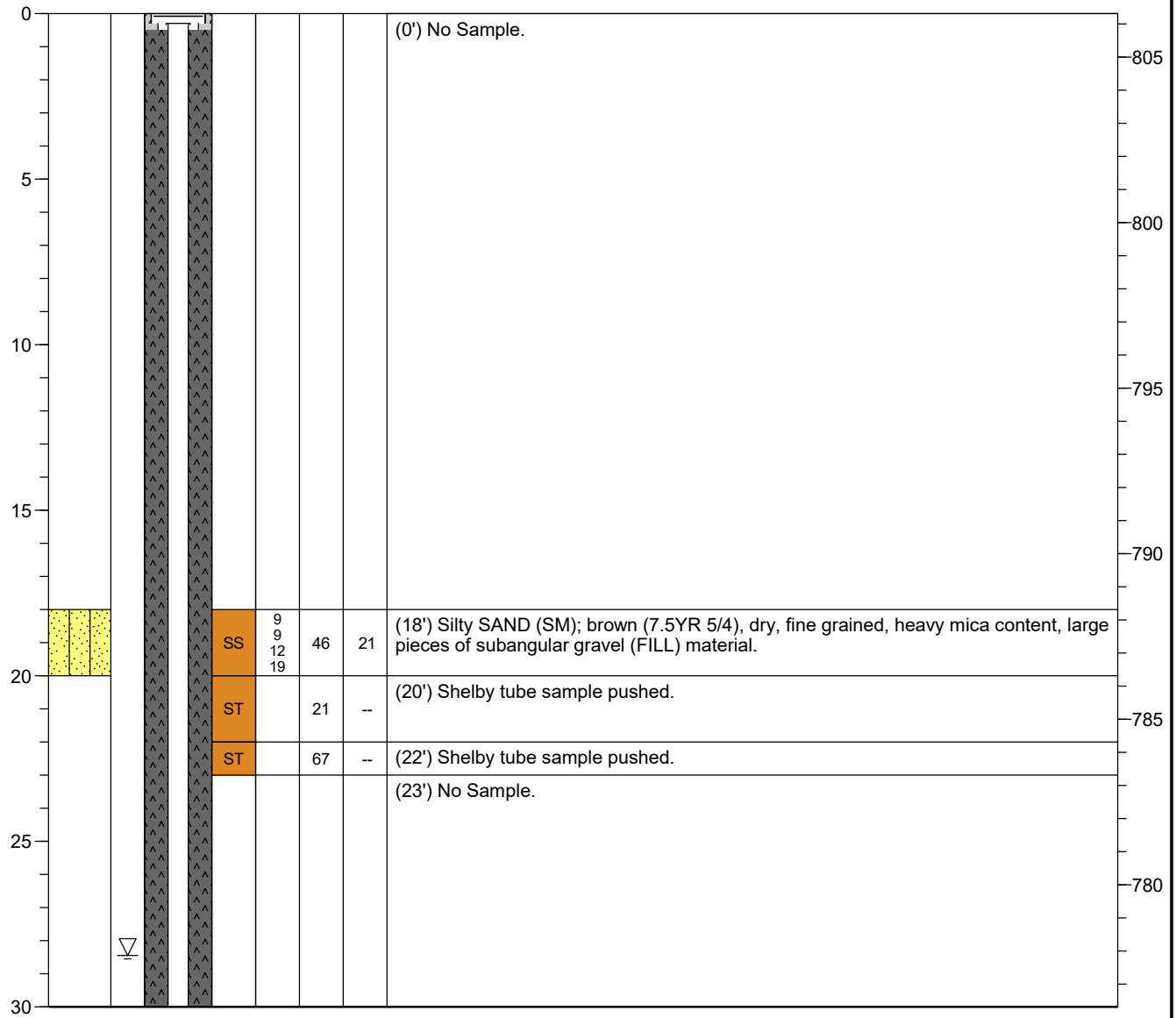
NOTES: Boring cleared to 10 ft bgs using hydrovac. Well sealed with bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and aboveground (+2.38 ft) PVC stickup with metal protective cover and guard posts set in concrete. Well depth measured from ground surface. 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.

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Client: Southern Company Services
Project: Plant Wansley Well Installation
Address: 1371 Liberty Church Rd, Carrollton, GA

WELL LOG
Well No. WGWC-34D
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Drilling Start Date:	3/7/2025	Boring Depth (ft):	94	Well Depth (ft bgs):	92.43
Drilling End Date:	3/9/2025	Boring Diameter (in):	6.875	Well Diameter (in):	2
Drilling Company:	Thompson Engineering	Sampling Method(s):	SPT, Shelby Tube	Screen Slot (in):	0.010
Drilling Method:	Mud Rotary	Depth to Water (ft btoc):	28.45	Riser Material:	Sch 40 PVC
Drilling Equipment:	CME 550X	Ground Surface Elev. (ft):	806.31	Screen Material:	Sch 40 PVC Slotted
Driller:	R. Odom	Top of Casing Elev. (ft):	806.04	Seal Material(s):	Grout, Bentonite
Logged By:	A. Tomlinson	North,East (ft):	1245303.30, 2027822.22	Filter Pack:	#20/40 Sand



NOTES: Well sealed with cement-bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and flush mount PVC riser with metal protective cover. 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.

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Drilling Start Date:	3/7/2025	Boring Depth (ft):	94	Well Depth (ft bgs):	92.43
Drilling End Date:	3/9/2025	Boring Diameter (in):	6.875	Well Diameter (in):	2
Drilling Company:	Thompson Engineering	Sampling Method(s):	SPT, Shelby Tube	Screen Slot (in):	0.010
Drilling Method:	Mud Rotary	Depth to Water (ft btoc):	28.45	Riser Material:	Sch 40 PVC
Drilling Equipment:	CME 550X	Ground Surface Elev. (ft):	806.31	Screen Material:	Sch 40 PVC Slotted
Driller:	R. Odom	Top of Casing Elev. (ft):	806.04	Seal Material(s):	Grout, Bentonite
Logged By:	A. Tomlinson	North,East (ft):	1245303.30, 2027822.22	Filter Pack:	#20/40 Sand

DEPTH (FT)	LITHOLOGY	WATER LEVEL	WELL COMPLETION	Sample Type	Blow Counts	Recovery (%)	N Value	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD88)
30									775
35									770
40				SS	8 10 14 18	75	24	(38') Silty SAND (SM); yellowish-brown (10YR 5/4), moist, fine grained, trace clay. (38.7') Yellowish red (5YR 5/6).	
				ST		54	--	(40') Shelby tube sample pushed.	765
				ST		100	--	(42') Shelby tube sample pushed.	
45								(44') No Sample.	760
50									755
55									750
60									

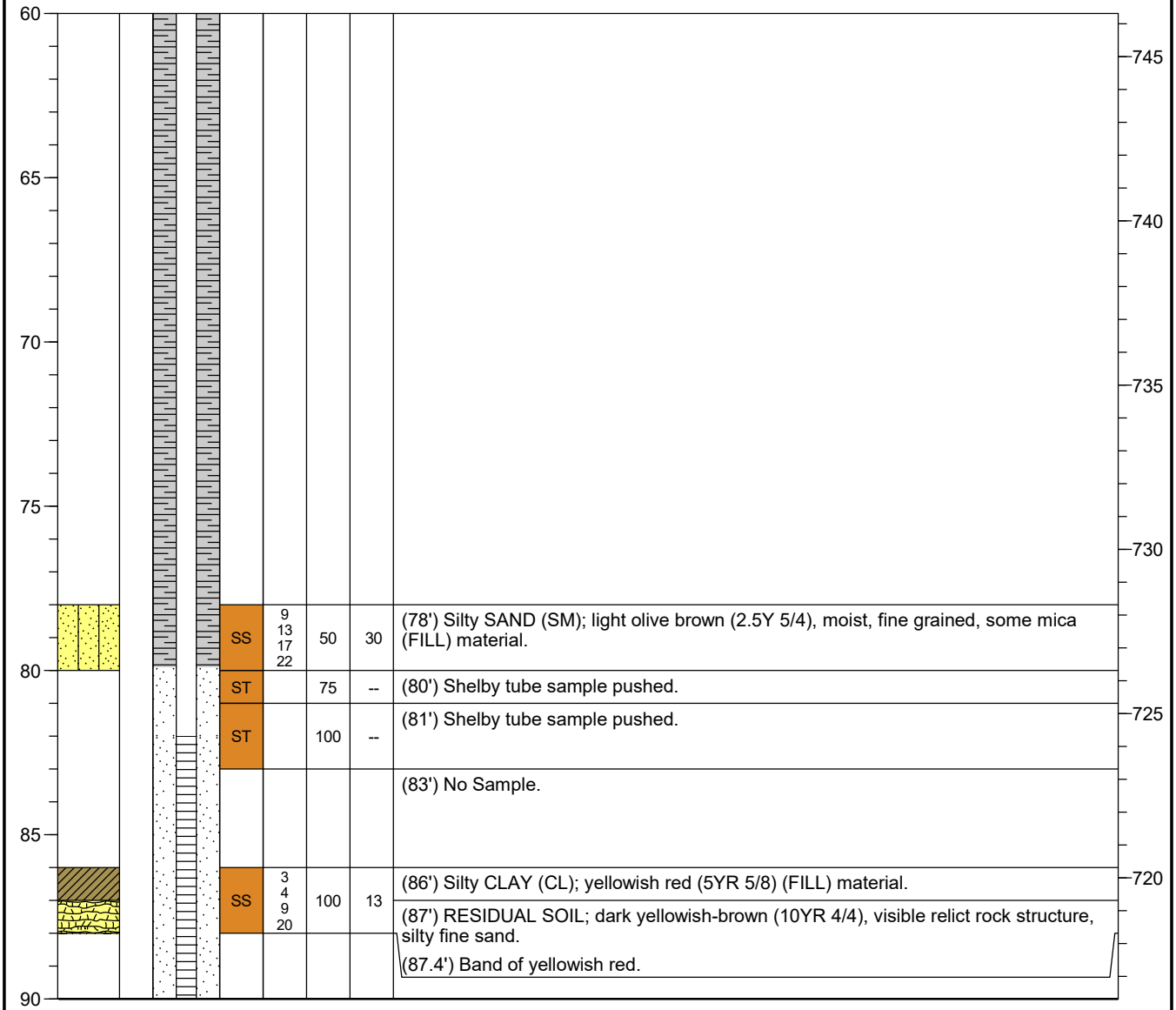
NOTES: Well sealed with cement-bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and flush mount PVC riser with metal protective cover. Well depth measured from ground surface. Coordinates in North American Datum (NAD) 1983, State Plane, Georgia-West, feet. Vertical elevations are referenced to the North American Vertical Datum (NAVD) of 1988.

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Drilling Start Date:	3/7/2025	Boring Depth (ft):	94	Well Depth (ft bgs):	92.43
Drilling End Date:	3/9/2025	Boring Diameter (in):	6.875	Well Diameter (in):	2
Drilling Company:	Thompson Engineering	Sampling Method(s):	SPT, Shelby Tube	Screen Slot (in):	0.010
Drilling Method:	Mud Rotary	Depth to Water (ft btoc):	28.45	Riser Material:	Sch 40 PVC
Drilling Equipment:	CME 550X	Ground Surface Elev. (ft):	806.31	Screen Material:	Sch 40 PVC Slotted
Driller:	R. Odom	Top of Casing Elev. (ft):	806.04	Seal Material(s):	Grout, Bentonite
Logged By:	A. Tomlinson	North,East (ft):	1245303.30, 2027822.22	Filter Pack:	#20/40 Sand



NOTES: Well sealed with cement-bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and flush mount PVC riser with metal protective cover. 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.

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Drilling Start Date:	3/7/2025	Boring Depth (ft):	94	Well Depth (ft bgs):	92.43
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Drilling Company:	Thompson Engineering	Sampling Method(s):	SPT, Shelby Tube	Screen Slot (in):	0.010
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Driller:	R. Odom	Top of Casing Elev. (ft):	806.04	Seal Material(s):	Grout, Bentonite
Logged By:	A. Tomlinson	North,East (ft):	1245303.30, 2027822.22	Filter Pack:	#20/40 Sand

DEPTH (FT)	LITHOLOGY	WATER LEVEL	WELL COMPLETION	Sample Type	Blow Counts	Recovery (%)	N Value	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD88)
90				SS	13 16 16 19	67	32	(88') No Sample. (90') RESIDUAL SOIL; yellowish-brown (10YR 5/4), wet, abundant relict rock structure, silty fine sand. (92') No Sample.	715

(94') Boring terminated.

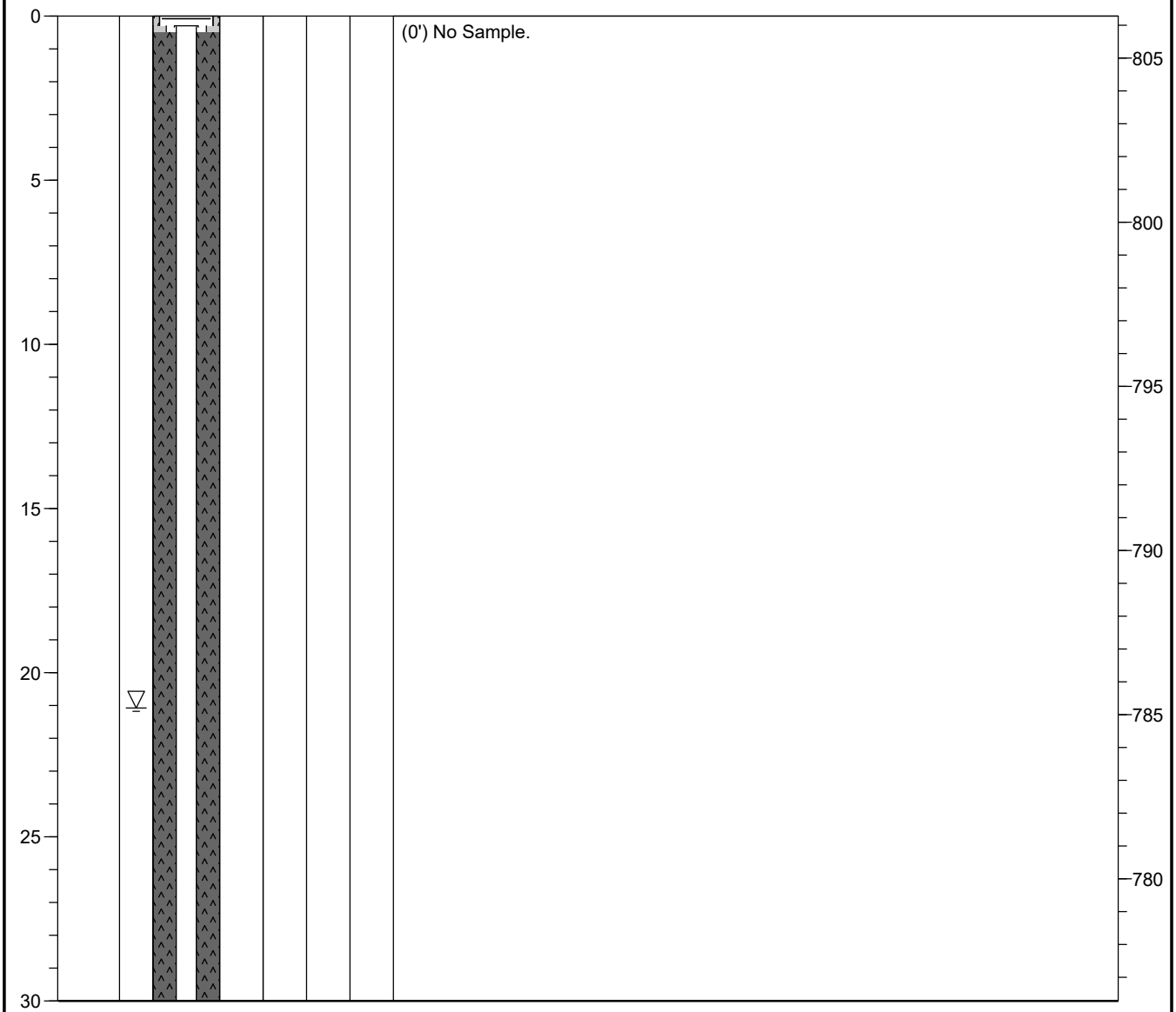
NOTES: Well sealed with cement-bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and flush mount PVC riser with metal protective cover. Well depth measured from ground surface. Coordinates in North American Datum (NAD) 1983, State Plane, Georgia-West, feet. Vertical elevations are referenced to the North American Vertical Datum (NAVD) of 1988.

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Client: Southern Company Services
Project: Plant Wansley Well Installation
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WELL LOG
Well No. WGWC-34S
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Drilling Start Date:	**3/18/2025**	Boring Depth (ft):	**80**	Well Depth (ft bgs):	**47.11**
Drilling End Date:	**3/19/2025**	Boring Diameter (in):	**6.875**	Well Diameter (in):	**2**
Drilling Company:	**Thompson Engineering**	Sampling Method(s):	**SPT, Shelby Tube**	Screen Slot (in):	**0.010**
Drilling Method:	**Mud Rotary**	Depth to Water (ft btoc):	**21.08**	Riser Material:	**Sch 40 PVC**
Drilling Equipment:	**CME 550X**	Ground Surface Elev. (ft):	**806.28**	Screen Material:	**Sch 40 PVC Slotted**
Driller:	**R. Odom**	Top of Casing Elev. (ft):	**805.77**	Seal Material(s):	**Grout, Bentonite**
Logged By:	**A. Tomlinson**	North,East (ft):	**1245294.99, 2027830.72**	Filter Pack:	**#20/40 Sand**



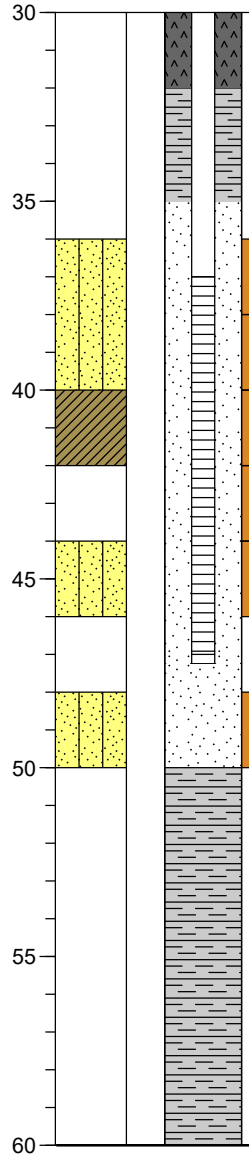
NOTES: Boring backfilled from 80-50 ft bgs with bentonite chips prior to settting the well. Well sealed with cement-bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and flush mount PVC riser with metal protective cover. Well depth measured from ground 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.

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Drilling Start Date:	3/18/2025	Boring Depth (ft):	80	Well Depth (ft bgs):	47.11
Drilling End Date:	3/19/2025	Boring Diameter (in):	6.875	Well Diameter (in):	2
Drilling Company:	Thompson Engineering	Sampling Method(s):	SPT, Shelby Tube	Screen Slot (in):	0.010
Drilling Method:	Mud Rotary	Depth to Water (ft btoc):	21.08	Riser Material:	Sch 40 PVC
Drilling Equipment:	CME 550X	Ground Surface Elev. (ft):	806.28	Screen Material:	Sch 40 PVC Slotted
Driller:	R. Odom	Top of Casing Elev. (ft):	805.77	Seal Material(s):	Grout, Bentonite
Logged By:	A. Tomlinson	North,East (ft):	1245294.99, 2027830.72	Filter Pack:	#20/40 Sand



DEPTH (FT)	Sample Type	Blow Counts	Recovery (%)	N Value	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD88)
30						775
35	SS	11 13 15 17	58	28	(36') Silty SAND (SM); yellowish-brown (10YR 5/6), moist, fine grained, trace clay (FILL) material.	770
	SS	8 10 14 18	75	24	(38') Silty SAND (SM); yellowish-brown (10YR 5/4), moist, fine grained, trace clay. (38.7') Yellowish red (5YR 5/6).	
40	SS	9 11 15 16	75	26	(40') Silty CLAY with sand (CL); yellowish red (5YR 4/6) to yellowish-brown (10YR 5/4), moist, some fine sand, some gray medium to fine subrounded gravel (FILL) material.	765
	ST		100	--	(41.3') Heavy mica. (42') No Sample.	
45	SS	6 11 17 16	75	28	(44') Silty SAND (SM); light red (2.5YR 6/6) to dark brown (7.5YR 3/3), moist, fine grained (FILL) material.	760
					(45.9') 1 inch thick layer of gray (10YR 6/1), fine sand. (46') No Sample.	
	SS	7 7 12 15	71	19	(48') Silty SAND (SM); light red (5YR 6/8) to dark yellowish-brown (10YR 4/4), moist, fine grained, trace clay (FILL) material.	
50					(50') No Sample.	755
55						750
60						

NOTES: Boring backfilled from 80-50 ft bgs with bentonite chips prior to settting the well. Well sealed with cement-bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and flush mount PVC riser with metal protective cover. 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.

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Drilling Start Date:	3/18/2025	Boring Depth (ft):	80	Well Depth (ft bgs):	47.11
Drilling End Date:	3/19/2025	Boring Diameter (in):	6.875	Well Diameter (in):	2
Drilling Company:	Thompson Engineering	Sampling Method(s):	SPT, Shelby Tube	Screen Slot (in):	0.010
Drilling Method:	Mud Rotary	Depth to Water (ft btoc):	21.08	Riser Material:	Sch 40 PVC
Drilling Equipment:	CME 550X	Ground Surface Elev. (ft):	806.28	Screen Material:	Sch 40 PVC Slotted
Driller:	R. Odom	Top of Casing Elev. (ft):	805.77	Seal Material(s):	Grout, Bentonite
Logged By:	A. Tomlinson	North,East (ft):	1245294.99, 2027830.72	Filter Pack:	#20/40 Sand

DEPTH (FT)	LITHOLOGY	WATER LEVEL	WELL COMPLETION	Sample Type	Blow Counts	Recovery (%)	N Value	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD88)
60				SS	5 8 9 13	100	17	(60') SAND (SP); medium to coarse grained. (60.5') Silty CLAY (CL); red (2.5YR 4/8) mottled with light yellowish-brown (10YR 6/4), moist (FILL) material.	745
				SS	9 13 16 20	92	29	(62') Silty CLAY (CL); red (2.5YR 4/6), moist, 4" thick layer of medium to coarse sand at the top (FILL) material.	
65				SS	6 6 8 11	100	14	(64') Silty CLAY (CL); red (2.5YR 5/6) to strong brown (7.5YR 5/6), moist (FILL) material. (64.8') Coarse sand layer.	740
				SS	8 11 12 16	79	23	(66') Silty CLAY (CL); yellowish red (5YR 5/6), moist, grading to clayey silt, 2" thick lens of coarse sand at top (FILL) material.	
				ST		100	--	(68') Shelby tube sample pushed.	
70				SS	7 9 11 13	79	20	(70') Silty SAND (SM); yellowish red (5YR 5/6), moist, fine grained, with coarse sand fine gravel at top, trace clay (FILL) material.	735
				SS	8 10 16 20	75	26	(72') Clayey SILT (ML); reddish yellow (7.5YR 6/8) with black banding throughout, wet, some fine sand (FILL) material.	
75				SS	11 11 17 20	75	28	(74') Same as above.	
				SS	7 11 12 25	67	23	(76') Silty SAND (SM); yellowish-brown (10YR 5/6), moist, fine grained (FILL) material.	730
				SS	11 15 16 22	71	31	(78') Light olive brown (2.5Y 5/4).	
80								(80') Boring terminated.	

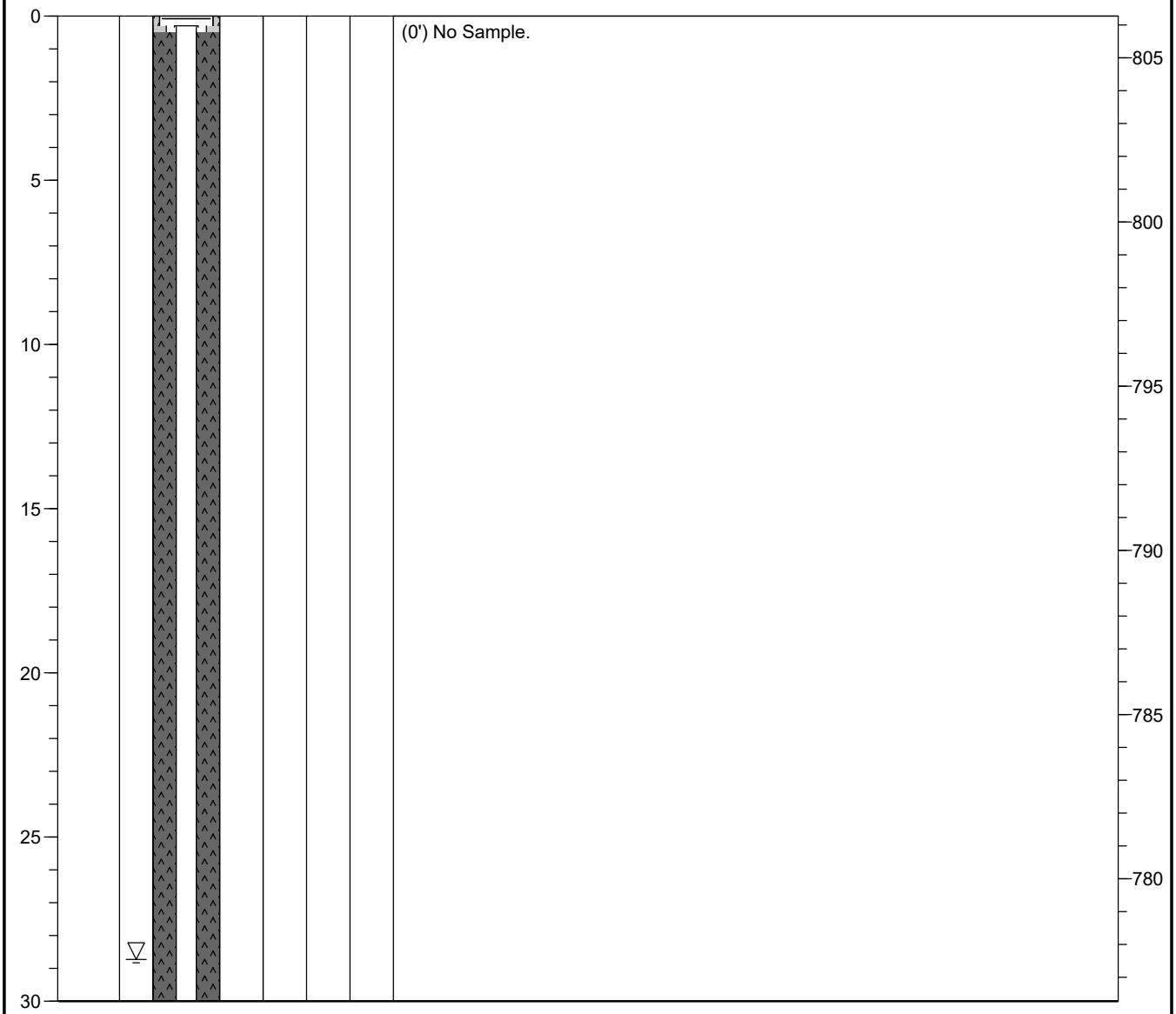
NOTES: Boring backfilled from 80-50 ft bgs with bentonite chips prior to settting the well. Well sealed with cement-bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and flush mount PVC riser with metal protective cover. Well depth measured from ground 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.

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Well No. WGWC-35D
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Drilling Start Date:	**3/4/2025**	Boring Depth (ft):	**120**	Well Depth (ft bgs):	**118.05**
Drilling End Date:	**3/6/2025**	Boring Diameter (in):	**6.875**	Well Diameter (in):	**2**
Drilling Company:	**Thompson Engineering**	Sampling Method(s):	**SPT, Shelby Tube**	Screen Slot (in):	**0.010**
Drilling Method:	**Mud Rotary**	Depth to Water (ft btoc):	**28.73**	Riser Material:	**Sch 40 PVC**
Drilling Equipment:	**CME 550X**	Ground Surface Elev. (ft):	**806.27**	Screen Material:	**Sch 40 PVC Slotted**
Driller:	**R. Odom**	Top of Casing Elev. (ft):	**806.02**	Seal Material(s):	**Grout, Bentonite**
Logged By:	**A. Tomlinson**	North,East (ft):	**1244985.87, 2028140.13**	Filter Pack:	**#20/40 Sand**



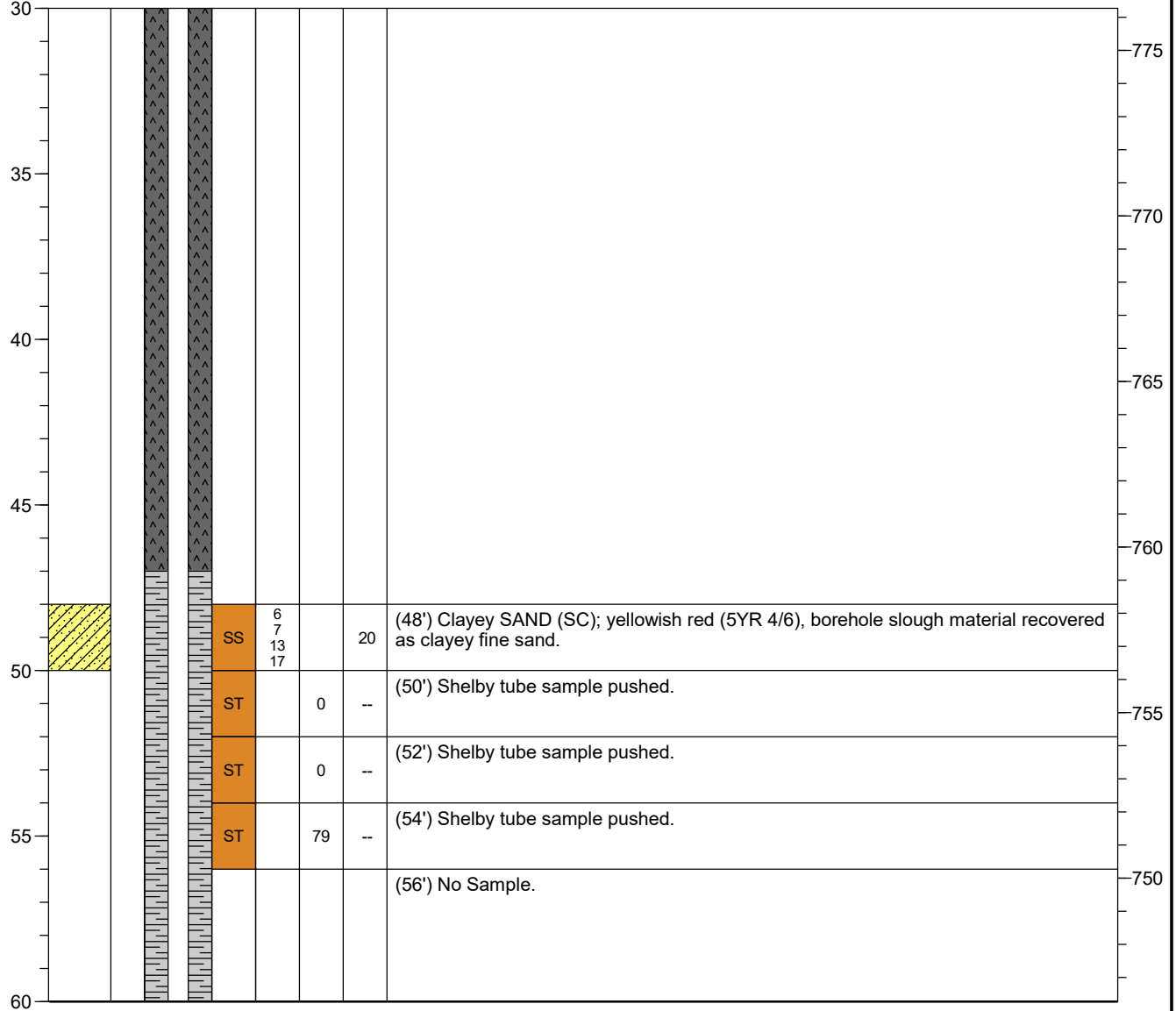
NOTES: Well sealed with cement-bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and flush mount PVC riser with metal protective cover. Well depth measured from ground surface. Coordinates in North American Datum (NAD) 1983, State Plane, Georgia-West, feet. Vertical elevations are referenced to the North American Vertical Datum (NAVD) of 1988.

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Drilling Start Date:	3/4/2025	Boring Depth (ft):	120	Well Depth (ft bgs):	118.05
Drilling End Date:	3/6/2025	Boring Diameter (in):	6.875	Well Diameter (in):	2
Drilling Company:	Thompson Engineering	Sampling Method(s):	SPT, Shelby Tube	Screen Slot (in):	0.010
Drilling Method:	Mud Rotary	Depth to Water (ft btoc):	28.73	Riser Material:	Sch 40 PVC
Drilling Equipment:	CME 550X	Ground Surface Elev. (ft):	806.27	Screen Material:	Sch 40 PVC Slotted
Driller:	R. Odom	Top of Casing Elev. (ft):	806.02	Seal Material(s):	Grout, Bentonite
Logged By:	A. Tomlinson	North,East (ft):	1244985.87, 2028140.13	Filter Pack:	#20/40 Sand



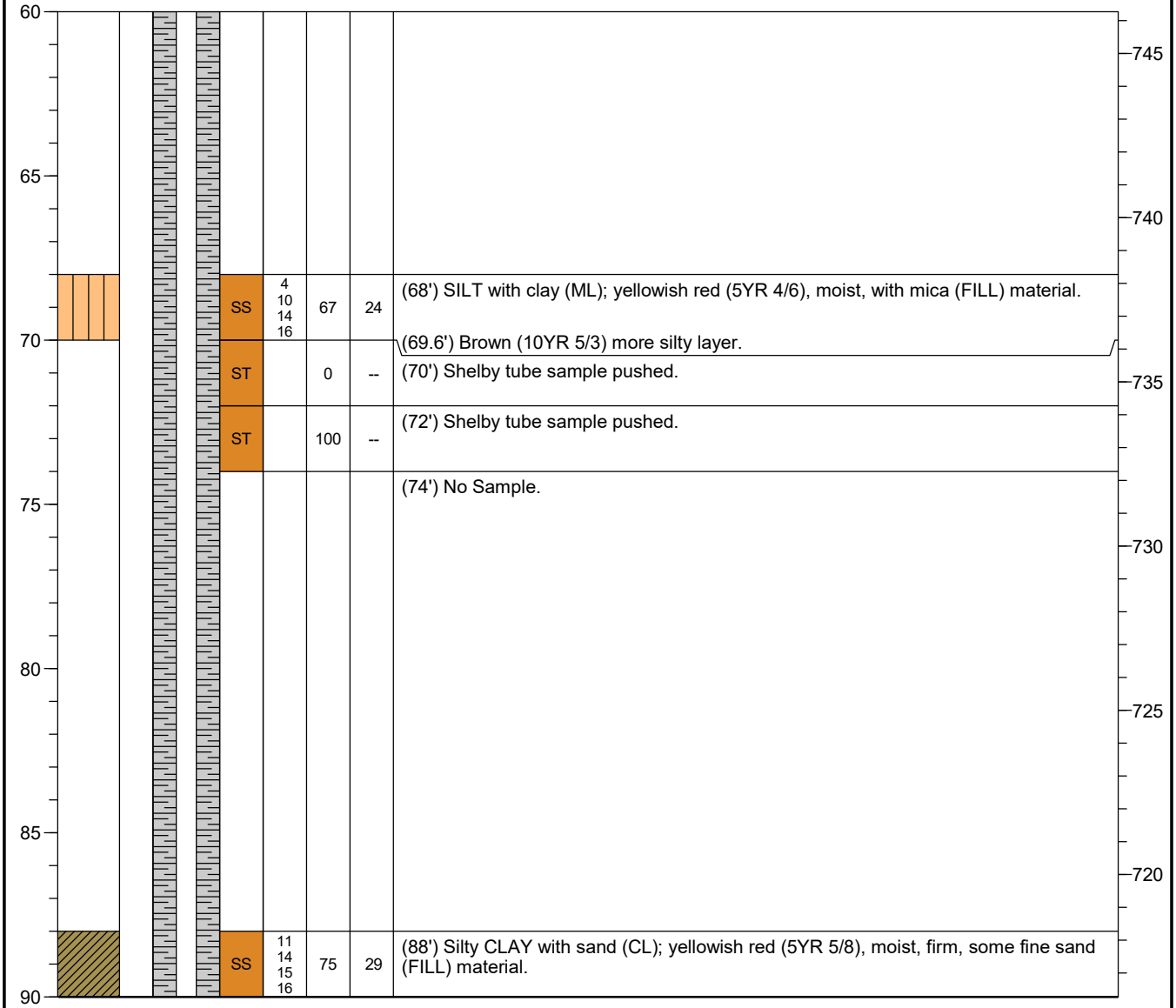
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Drilling Start Date:	3/4/2025	Boring Depth (ft):	120	Well Depth (ft bgs):	118.05
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Drilling Company:	Thompson Engineering	Sampling Method(s):	SPT, Shelby Tube	Screen Slot (in):	0.010
Drilling Method:	Mud Rotary	Depth to Water (ft btoc):	28.73	Riser Material:	Sch 40 PVC
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Driller:	R. Odom	Top of Casing Elev. (ft):	806.02	Seal Material(s):	Grout, Bentonite
Logged By:	A. Tomlinson	North,East (ft):	1244985.87, 2028140.13	Filter Pack:	#20/40 Sand



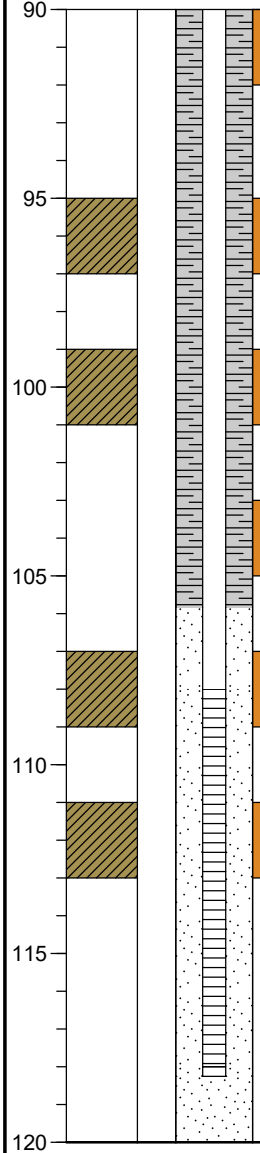
NOTES: Well sealed with cement-bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and flush mount PVC riser with metal protective cover. Well depth measured from ground surface. Coordinates in North American Datum (NAD) 1983, State Plane, Georgia-West, feet. Vertical elevations are referenced to the North American Vertical Datum (NAVD) of 1988.

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Drilling Start Date:	3/4/2025	Boring Depth (ft):	120	Well Depth (ft bgs):	118.05
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Logged By:	A. Tomlinson	North,East (ft):	1244985.87, 2028140.13	Filter Pack:	#20/40 Sand



DEPTH (FT)	Sample Type	Blow Counts	Recovery (%)	N Value	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD88)
90	ST		100	--	(90') Shelby tube sample pushed.	715
					(92') No Sample.	
95	SS	5 8 11 13	100	19	(95') CLAY (CL); red (2.5YR 5/6), moist, moderately firm, trace silt (FILL) material.	710
					(97') No Sample.	
100	SS	6 11 12 13	63	23	(99') CLAY (CL); brownish yellow (10YR 6/6) with pale yellow (5Y 8/3) and red (2.5YR 5/8) mottling, moist, firm, low plasticity, trace silt, piece of large subangular gravel.	
					(101') No Sample.	705
	SS	3 4 6 7	0	10	(103') No recovery.	
105					(105') No Sample.	700
	SS	3 4 8 20	100	12	(107') Silty CLAY (CL); yellow (2.5Y 7/6) with light olive brown (2.5Y 5/3) bands, coarse subangular gravel at 107 ft bgs.	
					(108') Silty CLAY (CL); yellowish-brown (10YR 5/6), wet, trace fine sand, layer of white silty clay at 108 ft bgs.	
110					(109') No Sample.	
	SS	3 6 10 18	100	16	(111') Silty CLAY (CL); olive brown (2.5Y 4/3) with some yellowish-brown (10YR 5/6) mottling from 111-112 ft bgs, wet, relict rock structure apparent, native material.	695
					(113') No Sample.	
115						690
120					(120') Boring terminated.	

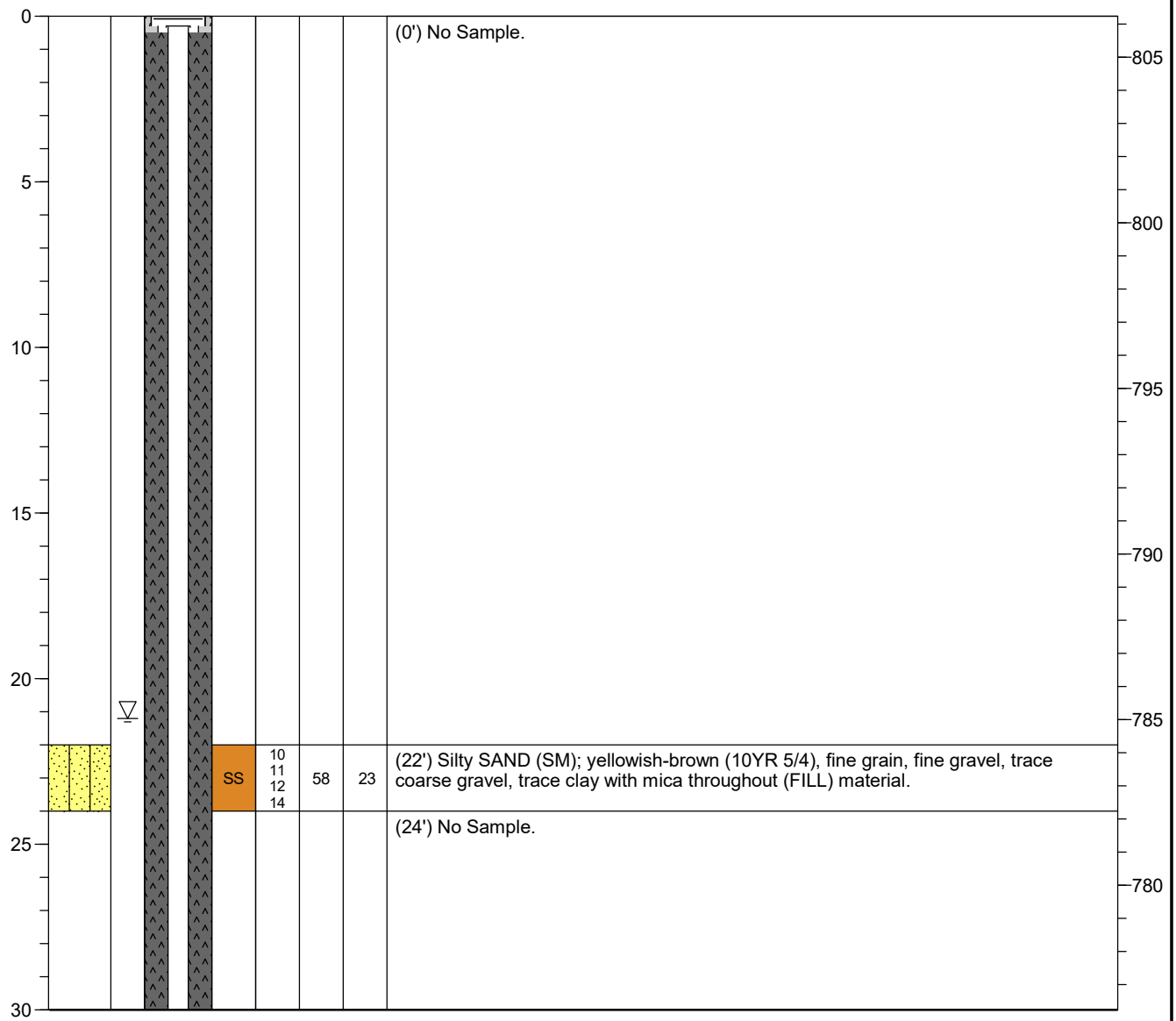
NOTES: Well sealed with cement-bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and flush mount PVC riser with metal protective cover. Well depth measured from ground surface. Coordinates in North American Datum (NAD) 1983, State Plane, Georgia-West, feet. Vertical elevations are referenced to the North American Vertical Datum (NAVD) of 1988.

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Drilling Start Date:	2/25/2025	Boring Depth (ft):	62	Well Depth (ft bgs):	60.89
Drilling End Date:	2/26/2025	Boring Diameter (in):	6.875	Well Diameter (in):	2
Drilling Company:	Thompson Engineering	Sampling Method(s):	SPT	Screen Slot (in):	0.010
Drilling Method:	Mud Rotary	Depth to Water (ft btoc):	21.2	Riser Material:	Sch 40 PVC
Drilling Equipment:	CME 550X	Ground Surface Elev. (ft):	806.24	Screen Material:	Sch 40 PVC Slotted
Driller:	R. Odom	Top of Casing Elev. (ft):	805.95	Seal Material(s):	Grout, Bentonite
Logged By:	A. Tomlinson	North,East (ft):	1244973.26, 2028152.75	Filter Pack:	#20/40 Sand



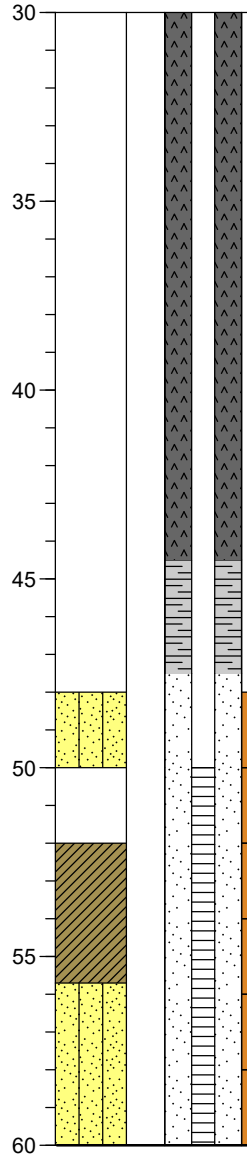
NOTES: Well sealed with cement-bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and flush mount PVC riser with metal protective cover. Well depth measured from ground surface. Coordinates in North American Datum (NAD) 1983, State Plane, Georgia-West, feet. Vertical elevations are referenced to the North American Vertical Datum (NAVD) of 1988.

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Client: Southern Company Services
Project: Plant Wansley Well Installation
Address: 1371 Liberty Church Rd, Carrollton, GA

WELL LOG
Well No. WGWC-35S
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Drilling Start Date:	2/25/2025	Boring Depth (ft):	62	Well Depth (ft bgs):	60.89
Drilling End Date:	2/26/2025	Boring Diameter (in):	6.875	Well Diameter (in):	2
Drilling Company:	Thompson Engineering	Sampling Method(s):	SPT	Screen Slot (in):	0.010
Drilling Method:	Mud Rotary	Depth to Water (ft btoc):	21.2	Riser Material:	Sch 40 PVC
Drilling Equipment:	CME 550X	Ground Surface Elev. (ft):	806.24	Screen Material:	Sch 40 PVC Slotted
Driller:	R. Odom	Top of Casing Elev. (ft):	805.95	Seal Material(s):	Grout, Bentonite
Logged By:	A. Tomlinson	North,East (ft):	1244973.26, 2028152.75	Filter Pack:	#20/40 Sand



DEPTH (FT)	Sample Type	Blow Counts	Recovery (%)	N Value	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD88)
50	SS	9 10 13 17	83	23	(48') Silty SAND (SM); reddish-brown (5YR 5/4) with layer of red (2.5YR 5/8), wet, fine grained, some clay, some mica (FILL) material.	775
	ST		0	--	(50') No Sample.	770
55	SS	6 9 12 14	92	21	(52') Silty CLAY (CL); red (2.5YR 4/6), moist, firm, low plasticity. (53.5') Reddish yellow (7.5YR 7/6), layer of silty fine sand from 53.5-53.8 ft bgs.	765
	SS	5 9 11 12	79	20	(54') Silty CLAY (CL); red.	760
	SS	5 8 11 17	75	19	(55.7') Silty SAND (SM); yellow (10YR 7/6) becoming strong brown (7.5YR 5/6), moist, fine grained, trace clay, mica. (56') Silty SAND (SM); yellowish red (5YR 5/6), moist, fine grained, mica.	755
60	SS	8 13 17 20	75	30	(58') Silty SAND (SM); red (2.5YR 5/8), moist, fine to medium grained, no mica.	750

NOTES: Well sealed with cement-bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and flush mount PVC riser with metal protective cover. 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.

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WELL LOG
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Drilling Start Date:	2/25/2025	Boring Depth (ft):	62	Well Depth (ft bgs):	60.89
Drilling End Date:	2/26/2025	Boring Diameter (in):	6.875	Well Diameter (in):	2
Drilling Company:	Thompson Engineering	Sampling Method(s):	SPT	Screen Slot (in):	0.010
Drilling Method:	Mud Rotary	Depth to Water (ft btoc):	21.2	Riser Material:	Sch 40 PVC
Drilling Equipment:	CME 550X	Ground Surface Elev. (ft):	806.24	Screen Material:	Sch 40 PVC Slotted
Driller:	R. Odom	Top of Casing Elev. (ft):	805.95	Seal Material(s):	Grout, Bentonite
Logged By:	A. Tomlinson	North,East (ft):	1244973.26, 2028152.75	Filter Pack:	#20/40 Sand

DEPTH (FT)	LITHOLOGY	WATER LEVEL	WELL COMPLETION	Sample Type	Blow Counts	Recovery (%)	N Value	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD88)
60								(60') No Sample.	745
								(62') Boring terminated.	

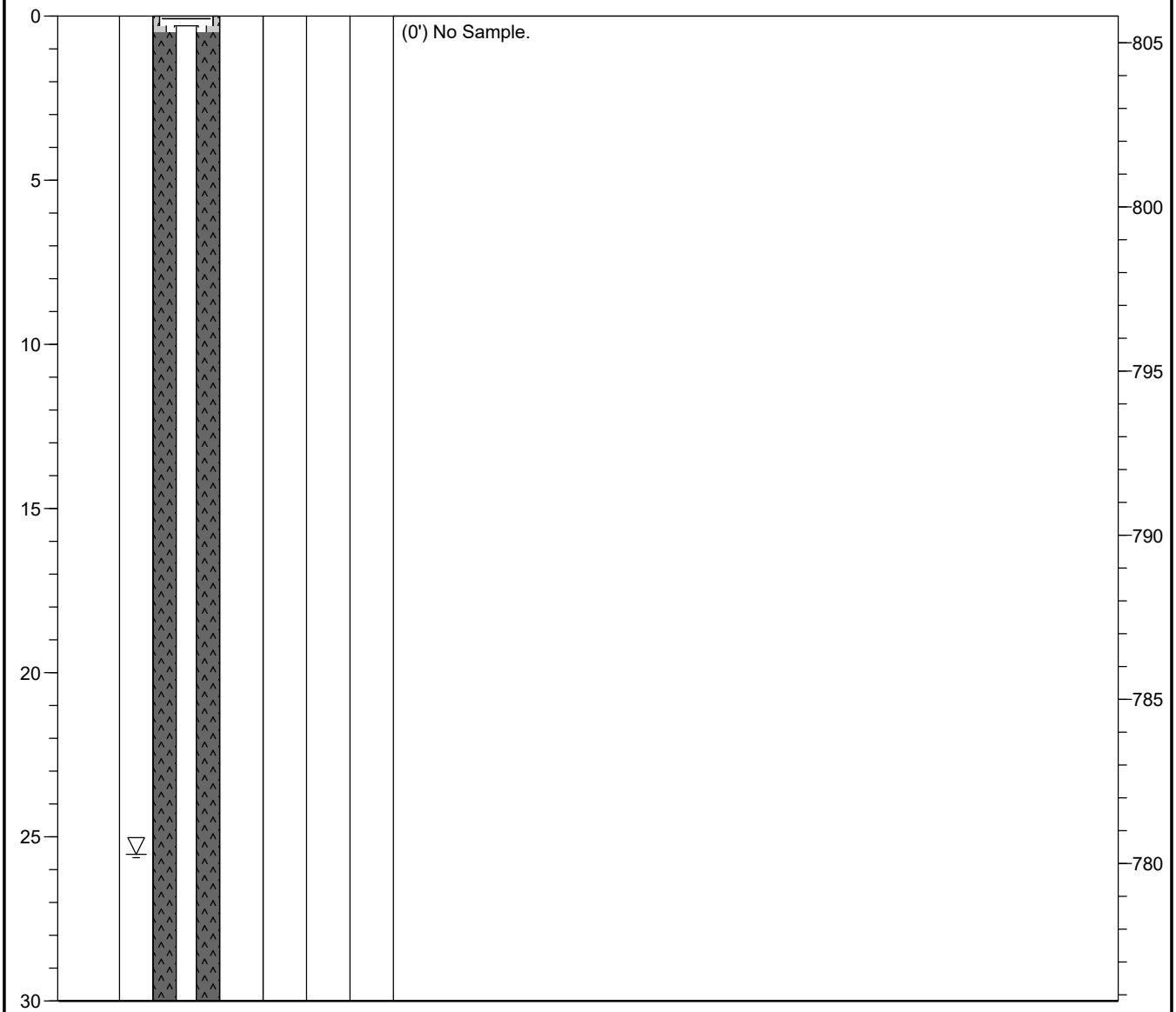
NOTES: Well sealed with cement-bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and flush mount PVC riser with metal protective cover. Well depth measured from ground surface. Coordinates in North American Datum (NAD) 1983, State Plane, Georgia-West, feet. Vertical elevations are referenced to the North American Vertical Datum (NAVD) of 1988.

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Client: Southern Company Services
Project: Plant Wansley Well Installation
Address: 1371 Liberty Church Rd, Carrollton, GA

WELL LOG
Well No. WGWC-36D
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Drilling Start Date:	**2/22/2025**	Boring Depth (ft):	**127**	Well Depth (ft bgs):	**126.35**
Drilling End Date:	**2/24/2025**	Boring Diameter (in):	**6.875**	Well Diameter (in):	**2**
Drilling Company:	**Thompson Engineering**	Sampling Method(s):	**SPT**	Screen Slot (in):	**0.010**
Drilling Method:	**Mud Rotary**	Depth to Water (ft btoc):	**25.53**	Riser Material:	**Sch 40 PVC**
Drilling Equipment:	**CME 550X**	Ground Surface Elev. (ft):	**805.81**	Screen Material:	**Sch 40 PVC Slotted**
Driller:	**R. Odom**	Top of Casing Elev. (ft):	**805.56**	Seal Material(s):	**Grout, Bentonite**
Logged By:	**D. Kegley**	North,East (ft):	**1244524.68, 2028595.96**	Filter Pack:	**#20/40 Sand**



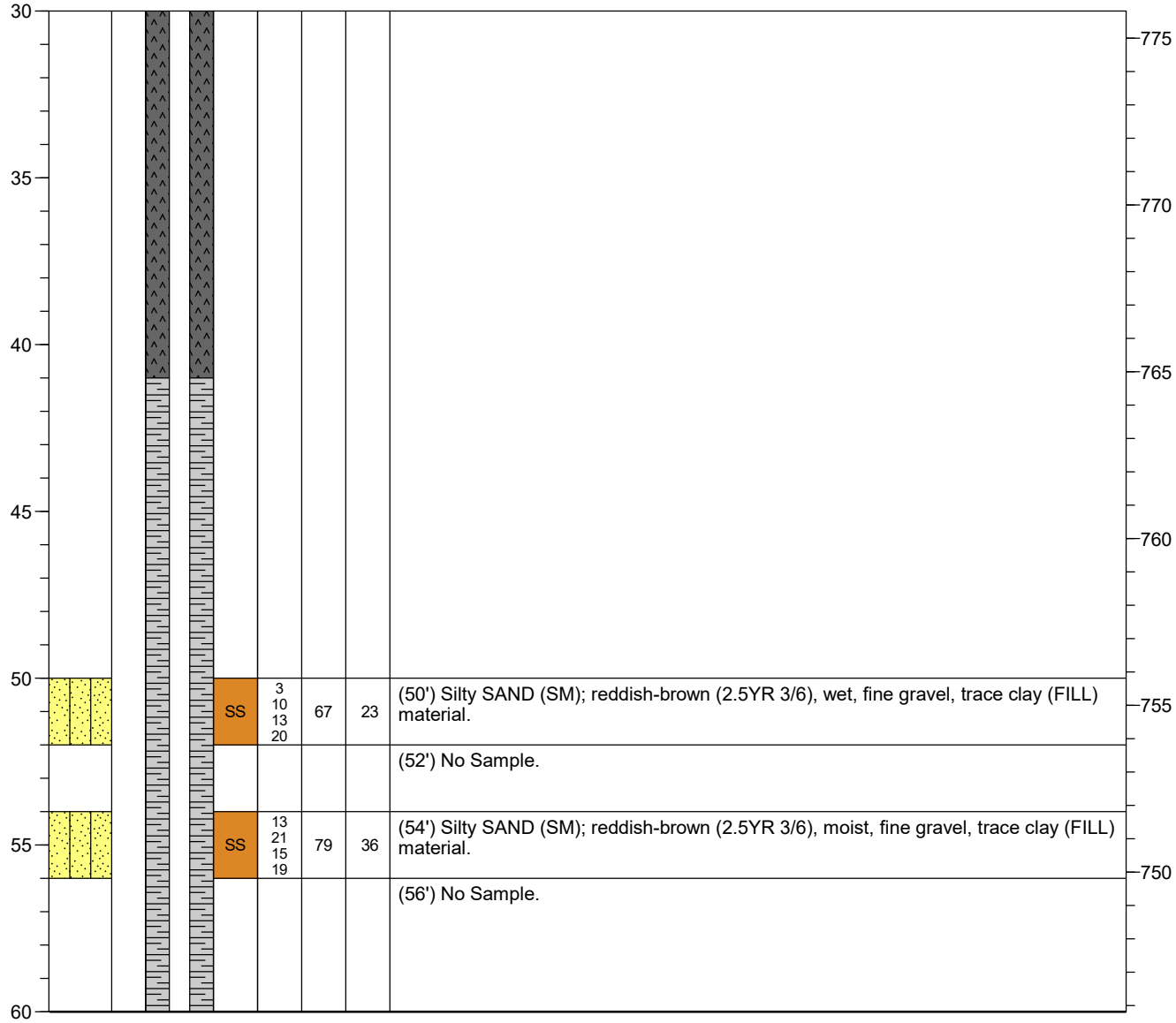
NOTES: Well sealed with cement-bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and flush mount PVC riser with metal protective cover. Well depth measured from ground surface. Coordinates in North American Datum (NAD) 1983, State Plane, Georgia-West, feet. Vertical elevations are referenced to the North American Vertical Datum (NAVD) of 1988.

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Client: Southern Company Services
Project: Plant Wansley Well Installation
Address: 1371 Liberty Church Rd, Carrollton, GA

WELL LOG
Well No. WGWC-36D
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Drilling Start Date:	2/22/2025	Boring Depth (ft):	127	Well Depth (ft bgs):	126.35
Drilling End Date:	2/24/2025	Boring Diameter (in):	6.875	Well Diameter (in):	2
Drilling Company:	Thompson Engineering	Sampling Method(s):	SPT	Screen Slot (in):	0.010
Drilling Method:	Mud Rotary	Depth to Water (ft btoc):	25.53	Riser Material:	Sch 40 PVC
Drilling Equipment:	CME 550X	Ground Surface Elev. (ft):	805.81	Screen Material:	Sch 40 PVC Slotted
Driller:	R. Odom	Top of Casing Elev. (ft):	805.56	Seal Material(s):	Grout, Bentonite
Logged By:	D. Kegley	North,East (ft):	1244524.68, 2028595.96	Filter Pack:	#20/40 Sand



DEPTH (FT)	Sample Type	Blow Counts	Recovery (%)	N Value	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD88)
50	SS	3 10 13 20	67	23	(50') Silty SAND (SM); reddish-brown (2.5YR 3/6), wet, fine gravel, trace clay (FILL) material.	755
					(52') No Sample.	
55	SS	13 21 15 19	79	36	(54') Silty SAND (SM); reddish-brown (2.5YR 3/6), moist, fine gravel, trace clay (FILL) material.	750
					(56') No Sample.	

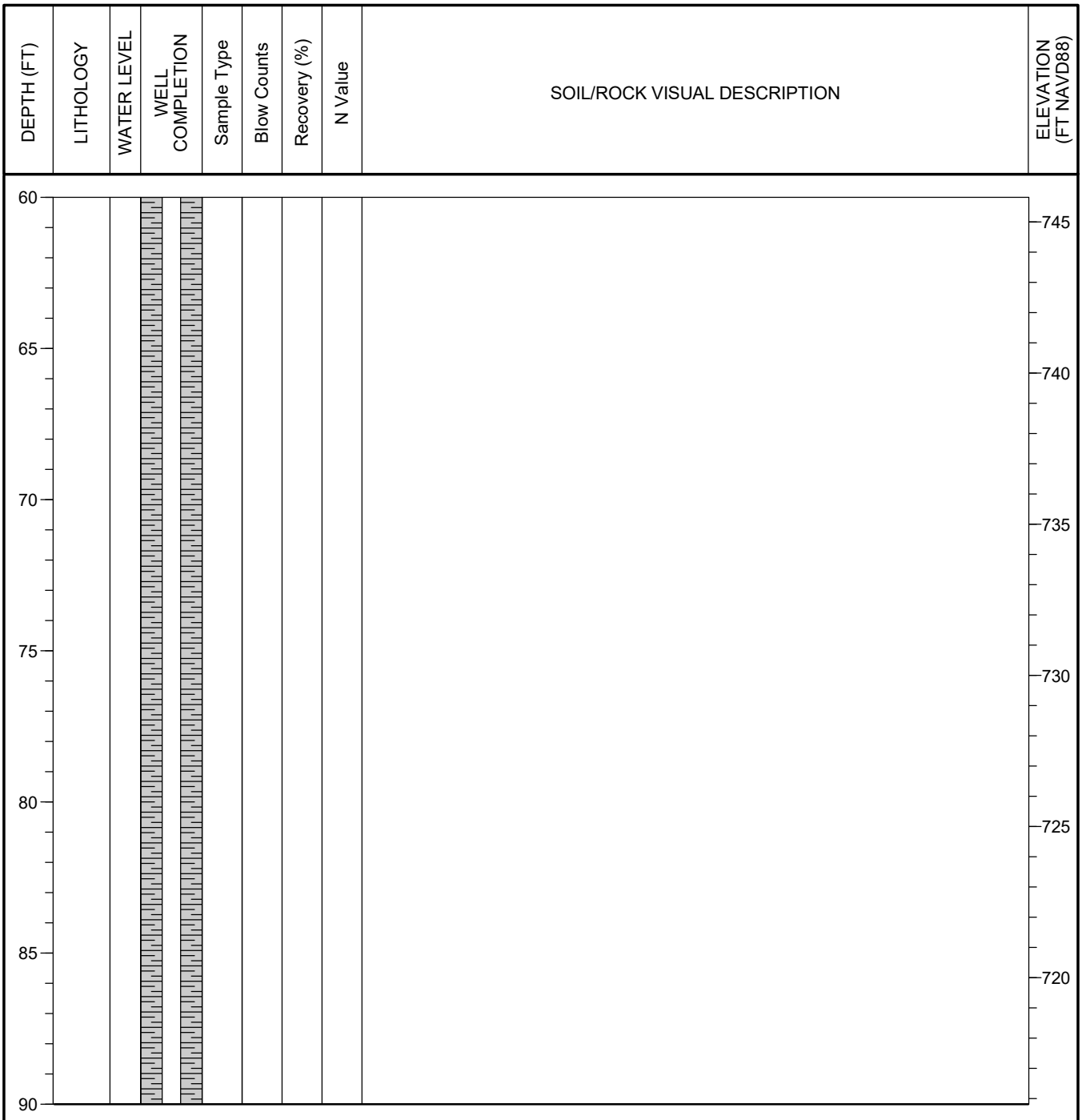
NOTES: Well sealed with cement-bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and flush mount PVC riser with metal protective cover. Well depth measured from ground surface. Coordinates in North American Datum (NAD) 1983, State Plane, Georgia-West, feet. Vertical elevations are referenced to the North American Vertical Datum (NAVD) of 1988.

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Client: Southern Company Services
Project: Plant Wansley Well Installation
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Well No. WGWC-36D
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Drilling Start Date:	**2/22/2025**	Boring Depth (ft):	**127**	Well Depth (ft bgs):	**126.35**
Drilling End Date:	**2/24/2025**	Boring Diameter (in):	**6.875**	Well Diameter (in):	**2**
Drilling Company:	**Thompson Engineering**	Sampling Method(s):	**SPT**	Screen Slot (in):	**0.010**
Drilling Method:	**Mud Rotary**	Depth to Water (ft btoc):	**25.53**	Riser Material:	**Sch 40 PVC**
Drilling Equipment:	**CME 550X**	Ground Surface Elev. (ft):	**805.81**	Screen Material:	**Sch 40 PVC Slotted**
Driller:	**R. Odom**	Top of Casing Elev. (ft):	**805.56**	Seal Material(s):	**Grout, Bentonite**
Logged By:	**D. Kegley**	North,East (ft):	**1244524.68, 2028595.96**	Filter Pack:	**#20/40 Sand**



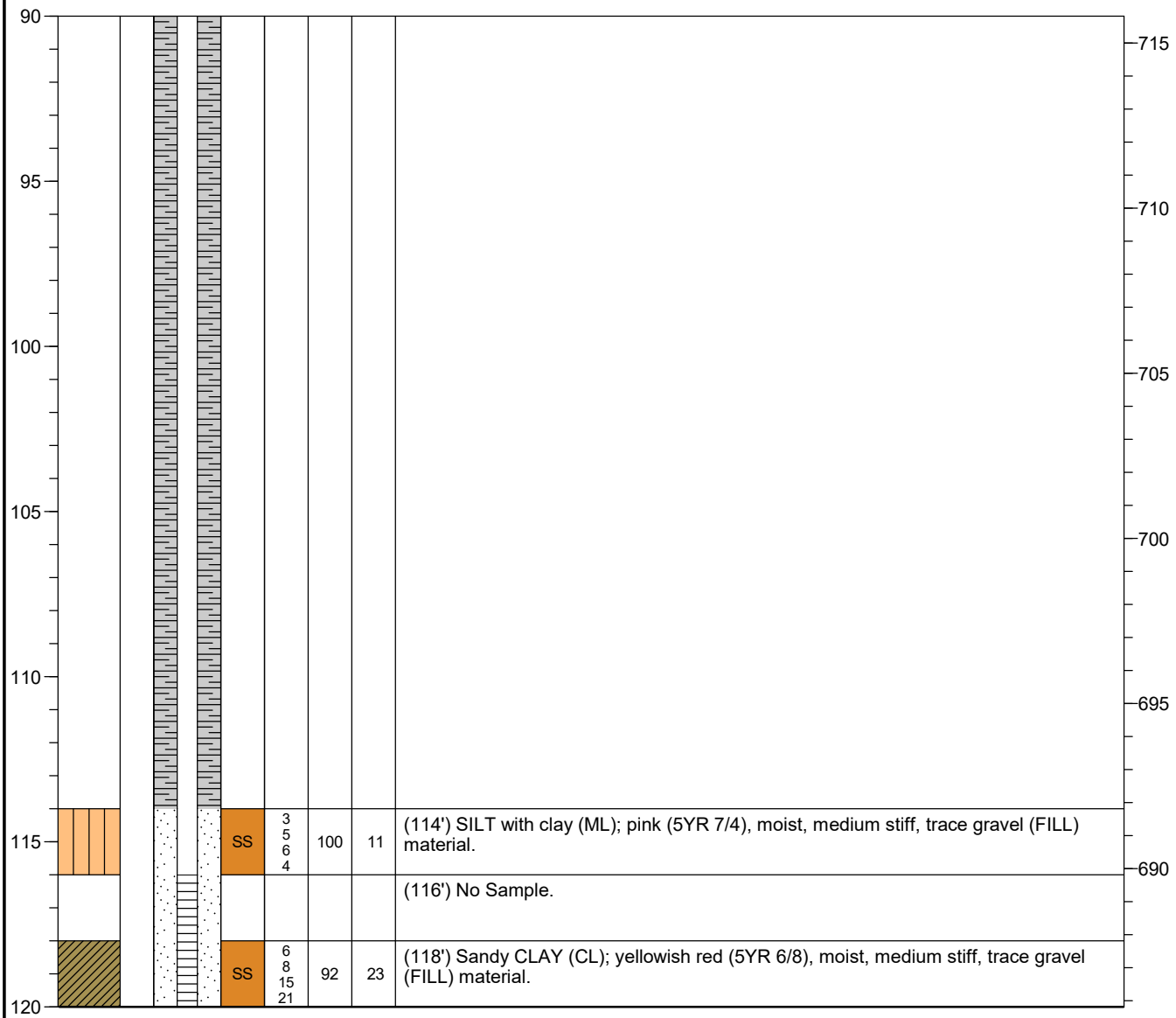
NOTES: Well sealed with cement-bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and flush mount PVC riser with metal protective cover. Well depth measured from ground surface. Coordinates in North American Datum (NAD) 1983, State Plane, Georgia-West, feet. Vertical elevations are referenced to the North American Vertical Datum (NAVD) of 1988.

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WELL LOG
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Drilling Start Date:	2/22/2025	Boring Depth (ft):	127	Well Depth (ft bgs):	126.35
Drilling End Date:	2/24/2025	Boring Diameter (in):	6.875	Well Diameter (in):	2
Drilling Company:	Thompson Engineering	Sampling Method(s):	SPT	Screen Slot (in):	0.010
Drilling Method:	Mud Rotary	Depth to Water (ft btoc):	25.53	Riser Material:	Sch 40 PVC
Drilling Equipment:	CME 550X	Ground Surface Elev. (ft):	805.81	Screen Material:	Sch 40 PVC Slotted
Driller:	R. Odom	Top of Casing Elev. (ft):	805.56	Seal Material(s):	Grout, Bentonite
Logged By:	D. Kegley	North,East (ft):	1244524.68, 2028595.96	Filter Pack:	#20/40 Sand



DEPTH (FT)	LITHOLOGY	WATER LEVEL	WELL COMPLETION	Sample Type	Blow Counts	Recovery (%)	N Value	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD88)
115				SS	3 5 6 4	100	11	(114') SILT with clay (ML); pink (5YR 7/4), moist, medium stiff, trace gravel (FILL) material.	690
								(116') No Sample.	
120				SS	6 8 15 21	92	23	(118') Sandy CLAY (CL); yellowish red (5YR 6/8), moist, medium stiff, trace gravel (FILL) material.	

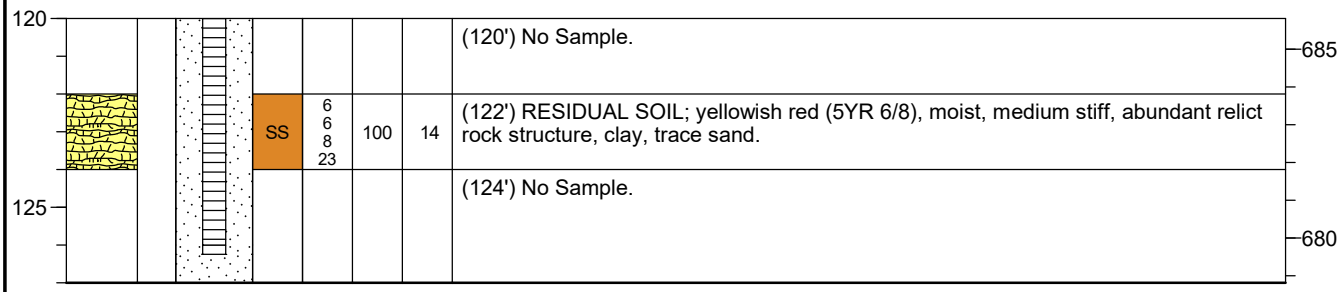
NOTES: Well sealed with cement-bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and flush mount PVC riser with metal protective cover. Well depth measured from ground surface. Coordinates in North American Datum (NAD) 1983, State Plane, Georgia-West, feet. Vertical elevations are referenced to the North American Vertical Datum (NAVD) of 1988.

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WELL LOG
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Drilling Start Date:	2/22/2025	Boring Depth (ft):	127	Well Depth (ft bgs):	126.35
Drilling End Date:	2/24/2025	Boring Diameter (in):	6.875	Well Diameter (in):	2
Drilling Company:	Thompson Engineering	Sampling Method(s):	SPT	Screen Slot (in):	0.010
Drilling Method:	Mud Rotary	Depth to Water (ft btoc):	25.53	Riser Material:	Sch 40 PVC
Drilling Equipment:	CME 550X	Ground Surface Elev. (ft):	805.81	Screen Material:	Sch 40 PVC Slotted
Driller:	R. Odom	Top of Casing Elev. (ft):	805.56	Seal Material(s):	Grout, Bentonite
Logged By:	D. Kegley	North,East (ft):	1244524.68, 2028595.96	Filter Pack:	#20/40 Sand



DEPTH (FT)	Sample Type	Blow Counts	Recovery (%)	N Value	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD88)
120					(120') No Sample.	685
	SS	6 6 8 23	100	14	(122') RESIDUAL SOIL; yellowish red (5YR 6/8), moist, medium stiff, abundant relict rock structure, clay, trace sand.	
125					(124') No Sample.	680
					(127') Boring terminated.	

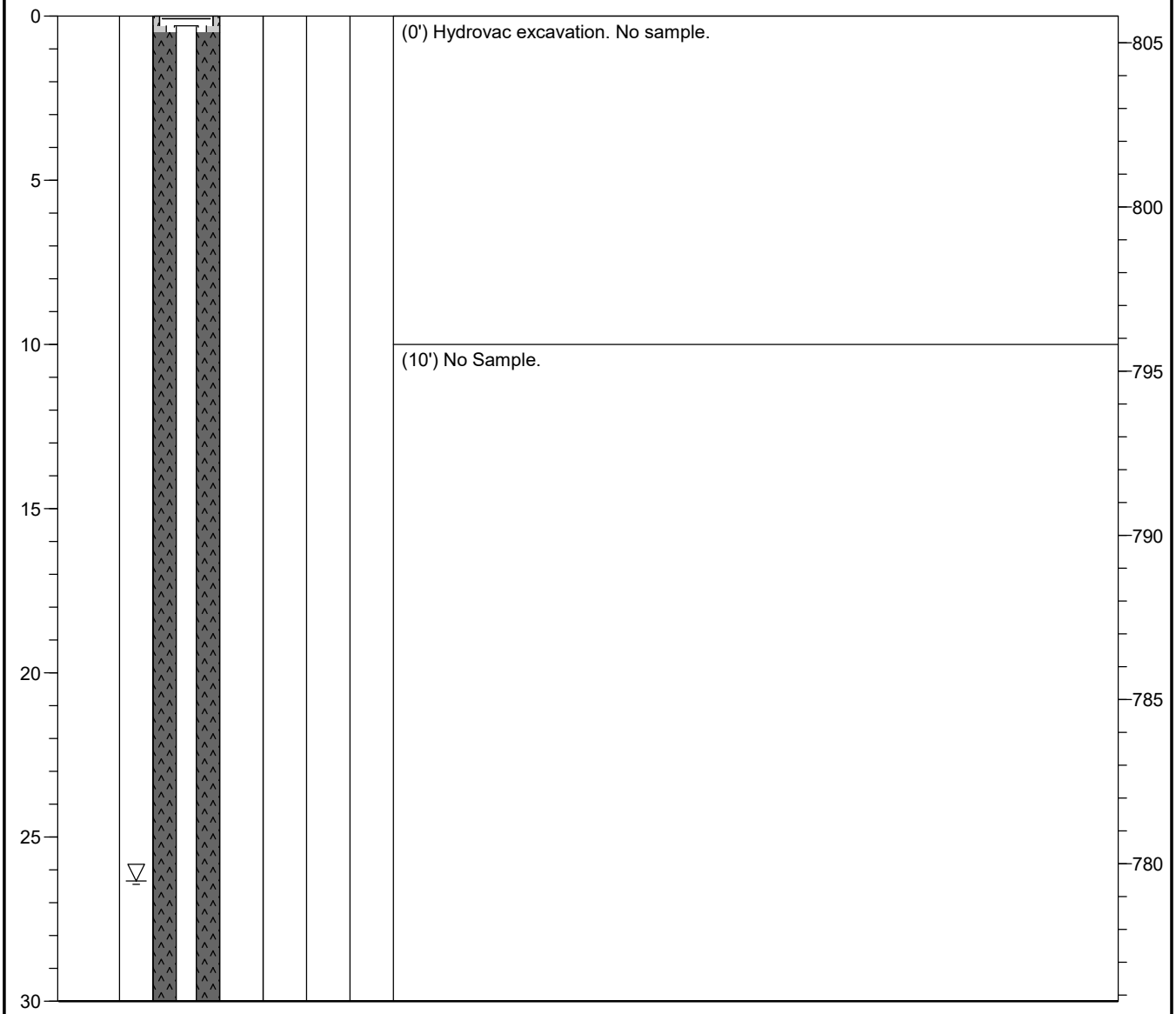
NOTES: Well sealed with cement-bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and flush mount PVC riser with metal protective cover. Well depth measured from ground surface. Coordinates in North American Datum (NAD) 1983, State Plane, Georgia-West, feet. Vertical elevations are referenced to the North American Vertical Datum (NAVD) of 1988.

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Client: Southern Company Services
Project: Plant Wansley Well Installation
Address: 1371 Liberty Church Rd, Carrollton, GA

WELL LOG
Well No. WGWC-36S
Page: 1 of 5

Drilling Start Date:	**2/3/2025**	Boring Depth (ft):	**140**	Well Depth (ft bgs):	**57.89**
Drilling End Date:	**2/21/2025**	Boring Diameter (in):	**6.875**	Well Diameter (in):	**2**
Drilling Company:	**Thompson Engineering**	Sampling Method(s):	**SPT, Shelby Tube**	Screen Slot (in):	**0.010**
Drilling Method:	**Mud Rotary**	Depth to Water (ft btoc):	**26.34**	Riser Material:	**Sch 40 PVC**
Drilling Equipment:	**CME 550X**	Ground Surface Elev. (ft):	**805.81**	Screen Material:	**Sch 40 PVC Slotted**
Driller:	**R. Odom**	Top of Casing Elev. (ft):	**805.62**	Seal Material(s):	**Grout, Bentonite**
Logged By:	**G. Kouvatsis**	North,East (ft):	**1244517.48, 2028601.76**	Filter Pack:	**#20/40 Sand**



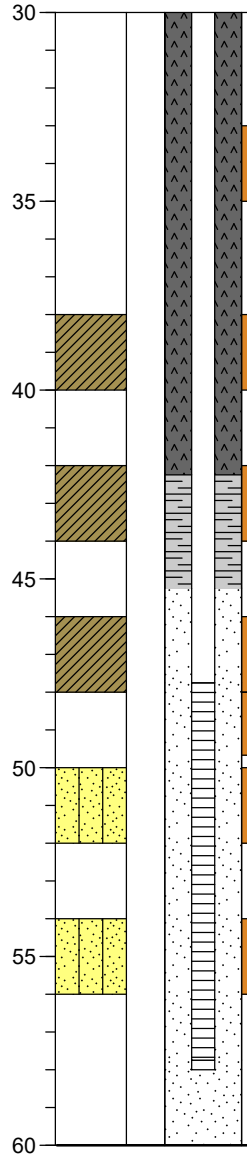
NOTES: Boring cleared to 10 ft bgs using hydrovac. Boring backfilled from 140-80 ft bgs with Aquaguard grout and 80-60 ft bgs with bentonite chips prior to setting the well. Well sealed with cement-bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and flush mount PVC riser with metal protective cover. 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.

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Client: Southern Company Services
Project: Plant Wansley Well Installation
Address: 1371 Liberty Church Rd, Carrollton, GA

WELL LOG
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Drilling Start Date:	2/3/2025	Boring Depth (ft):	140	Well Depth (ft bgs):	57.89
Drilling End Date:	2/21/2025	Boring Diameter (in):	6.875	Well Diameter (in):	2
Drilling Company:	Thompson Engineering	Sampling Method(s):	SPT, Shelby Tube	Screen Slot (in):	0.010
Drilling Method:	Mud Rotary	Depth to Water (ft btoc):	26.34	Riser Material:	Sch 40 PVC
Drilling Equipment:	CME 550X	Ground Surface Elev. (ft):	805.81	Screen Material:	Sch 40 PVC Slotted
Driller:	R. Odom	Top of Casing Elev. (ft):	805.62	Seal Material(s):	Grout, Bentonite
Logged By:	G. Kouvatsis	North,East (ft):	1244517.48, 2028601.76	Filter Pack:	#20/40 Sand



DEPTH (FT)	Sample Type	Blow Counts	Recovery (%)	N Value	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD88)
30						775
	ST		88	--	(33') Shelby tube sample pushed.	
35					(35') No Sample.	770
	SS	8 12 15 17	83	27	(38') CLAY (CL); reddish-brown (2.5YR 3/6), dry, very stiff, medium plasticity, trace silt and gravel (FILL) material.	
40					(40') No Sample.	765
	SS	9 12 16 18	58	28	(42') Silty CLAY (CL); reddish-brown (2.5YR 3/6), moist, very stiff, trace gravel (FILL) material.	
45					(44') No Sample.	760
	SS	7 11 13 17	92	24	(46') Silty CLAY (CL); reddish-brown (2.5YR 3/6), moist, very stiff, trace gravel (FILL) material.	
	ST		80	--	(48') Shelby tube sample pushed.	
50					(49.7') No Sample.	755
	SS	3 10 13 20	67	23	(50') Silty SAND (SM); reddish-brown (2.5YR 3/6), wet, fine gravel, trace clay (FILL) material.	
					(52') No Sample.	
55	SS	13 21 15 19	79	36	(54') Silty SAND (SM); reddish-brown (2.5YR 3/6), moist, fine gravel, trace clay (FILL) material.	750
					(56') No Sample.	
60						

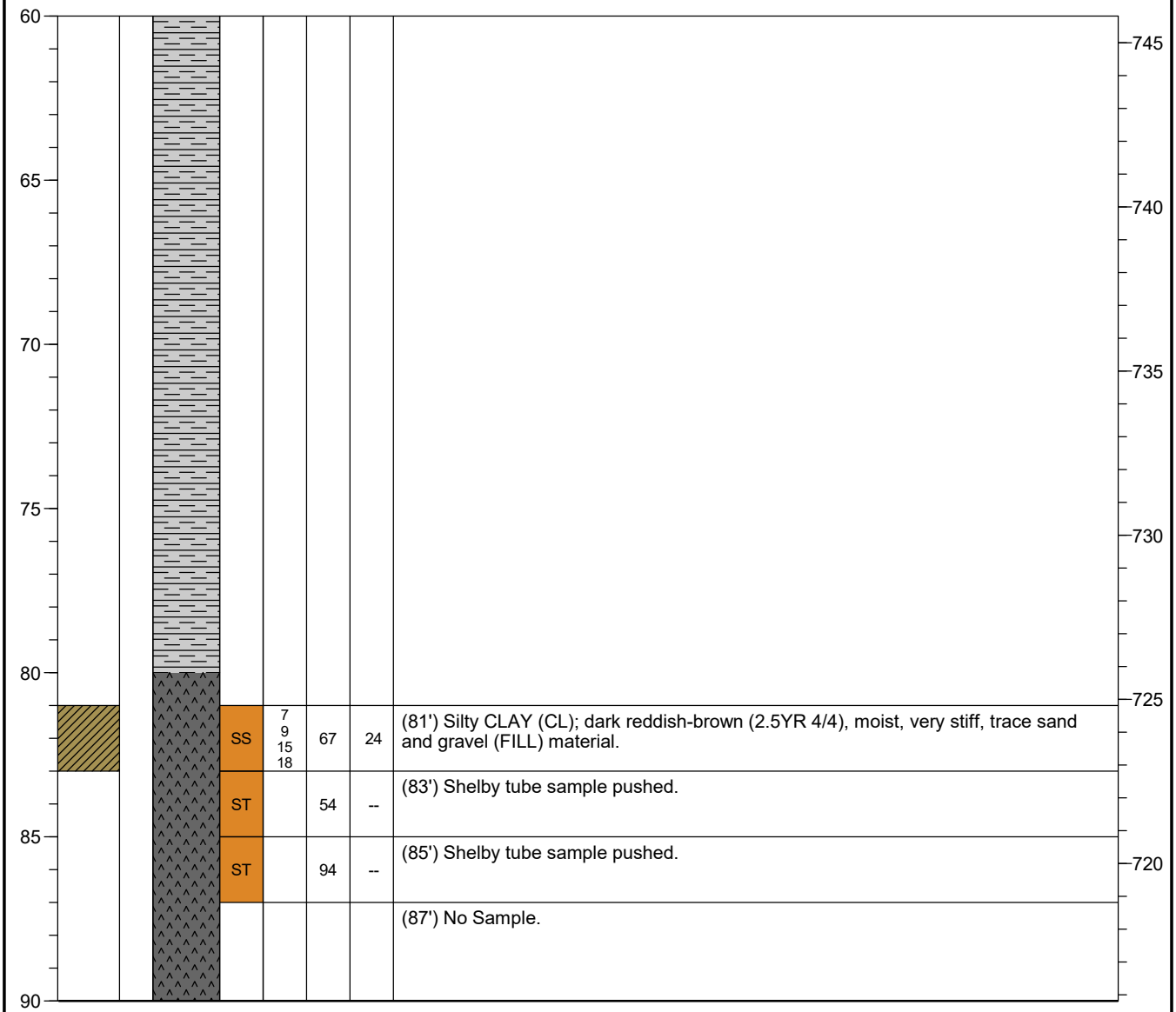
NOTES: Boring cleared to 10 ft bgs using hydrovac. Boring backfilled from 140-80 ft bgs with Aquaguard grout and 80-60 ft bgs with bentonite chips prior to setting the well. Well sealed with cement-bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and flush mount PVC riser with metal protective cover. 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.

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Client: Southern Company Services
Project: Plant Wansley Well Installation
Address: 1371 Liberty Church Rd, Carrollton, GA

WELL LOG
Well No. WGWC-36S
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Drilling Start Date:	2/3/2025	Boring Depth (ft):	140	Well Depth (ft bgs):	57.89
Drilling End Date:	2/21/2025	Boring Diameter (in):	6.875	Well Diameter (in):	2
Drilling Company:	Thompson Engineering	Sampling Method(s):	SPT, Shelby Tube	Screen Slot (in):	0.010
Drilling Method:	Mud Rotary	Depth to Water (ft btoc):	26.34	Riser Material:	Sch 40 PVC
Drilling Equipment:	CME 550X	Ground Surface Elev. (ft):	805.81	Screen Material:	Sch 40 PVC Slotted
Driller:	R. Odom	Top of Casing Elev. (ft):	805.62	Seal Material(s):	Grout, Bentonite
Logged By:	G. Kouvatsis	North,East (ft):	1244517.48, 2028601.76	Filter Pack:	#20/40 Sand



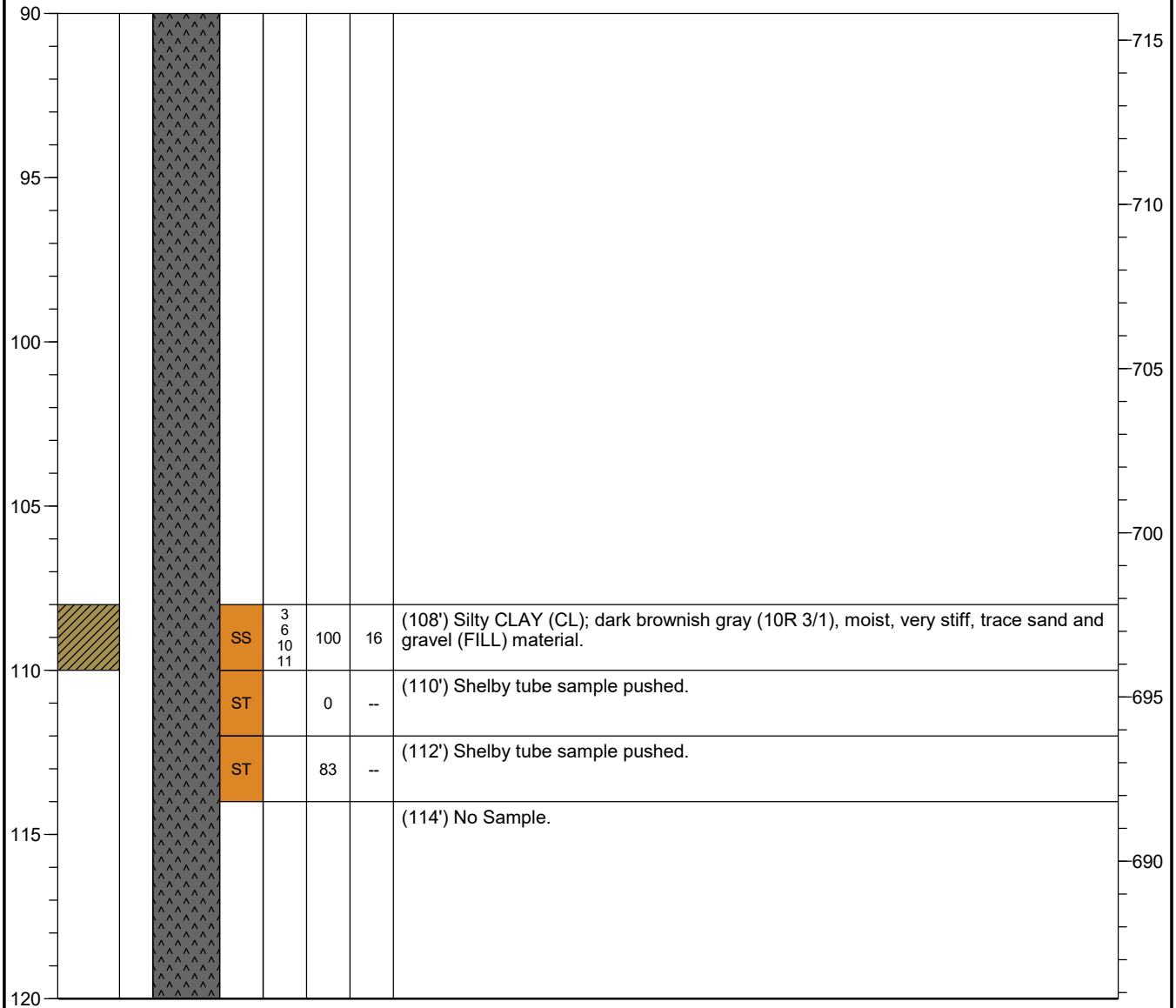
NOTES: Boring cleared to 10 ft bgs using hydrovac. Boring backfilled from 140-80 ft bgs with Aquaguard grout and 80-60 ft bgs with bentonite chips prior to setting the well. Well sealed with cement-bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and flush mount PVC riser with metal protective cover. 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.

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Client: Southern Company Services
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Address: 1371 Liberty Church Rd, Carrollton, GA

WELL LOG
Well No. WGWC-36S
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Drilling Start Date:	2/3/2025	Boring Depth (ft):	140	Well Depth (ft bgs):	57.89
Drilling End Date:	2/21/2025	Boring Diameter (in):	6.875	Well Diameter (in):	2
Drilling Company:	Thompson Engineering	Sampling Method(s):	SPT, Shelby Tube	Screen Slot (in):	0.010
Drilling Method:	Mud Rotary	Depth to Water (ft btoc):	26.34	Riser Material:	Sch 40 PVC
Drilling Equipment:	CME 550X	Ground Surface Elev. (ft):	805.81	Screen Material:	Sch 40 PVC Slotted
Driller:	R. Odom	Top of Casing Elev. (ft):	805.62	Seal Material(s):	Grout, Bentonite
Logged By:	G. Kouvatsis	North,East (ft):	1244517.48, 2028601.76	Filter Pack:	#20/40 Sand



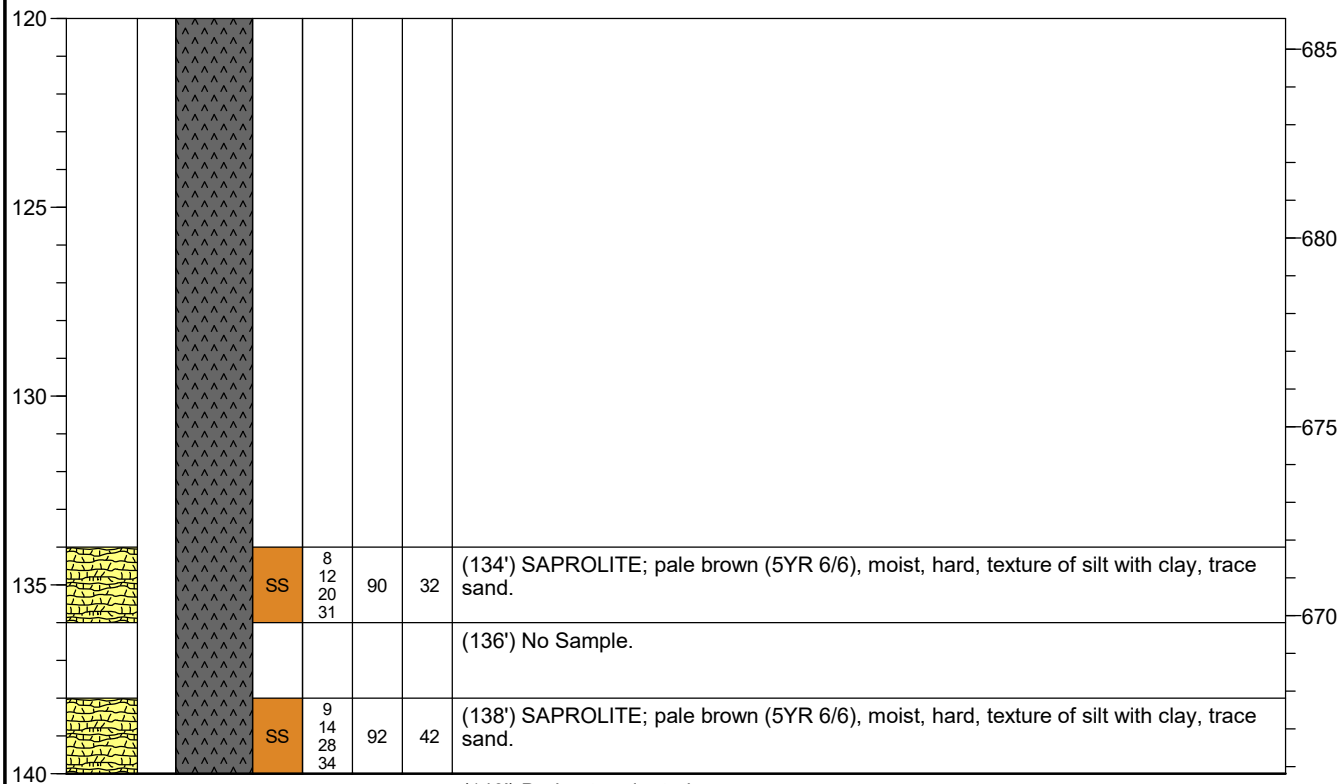
NOTES: Boring cleared to 10 ft bgs using hydrovac. Boring backfilled from 140-80 ft bgs with Aquaguard grout and 80-60 ft bgs with bentonite chips prior to setting the well. Well sealed with cement-bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and flush mount PVC riser with metal protective cover. 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.

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Client: Southern Company Services
Project: Plant Wansley Well Installation
Address: 1371 Liberty Church Rd, Carrollton, GA

WELL LOG
Well No. WGWC-36S
Page: 5 of 5

Drilling Start Date:	2/3/2025	Boring Depth (ft):	140	Well Depth (ft bgs):	57.89
Drilling End Date:	2/21/2025	Boring Diameter (in):	6.875	Well Diameter (in):	2
Drilling Company:	Thompson Engineering	Sampling Method(s):	SPT, Shelby Tube	Screen Slot (in):	0.010
Drilling Method:	Mud Rotary	Depth to Water (ft btoc):	26.34	Riser Material:	Sch 40 PVC
Drilling Equipment:	CME 550X	Ground Surface Elev. (ft):	805.81	Screen Material:	Sch 40 PVC Slotted
Driller:	R. Odom	Top of Casing Elev. (ft):	805.62	Seal Material(s):	Grout, Bentonite
Logged By:	G. Kouvatsis	North,East (ft):	1244517.48, 2028601.76	Filter Pack:	#20/40 Sand



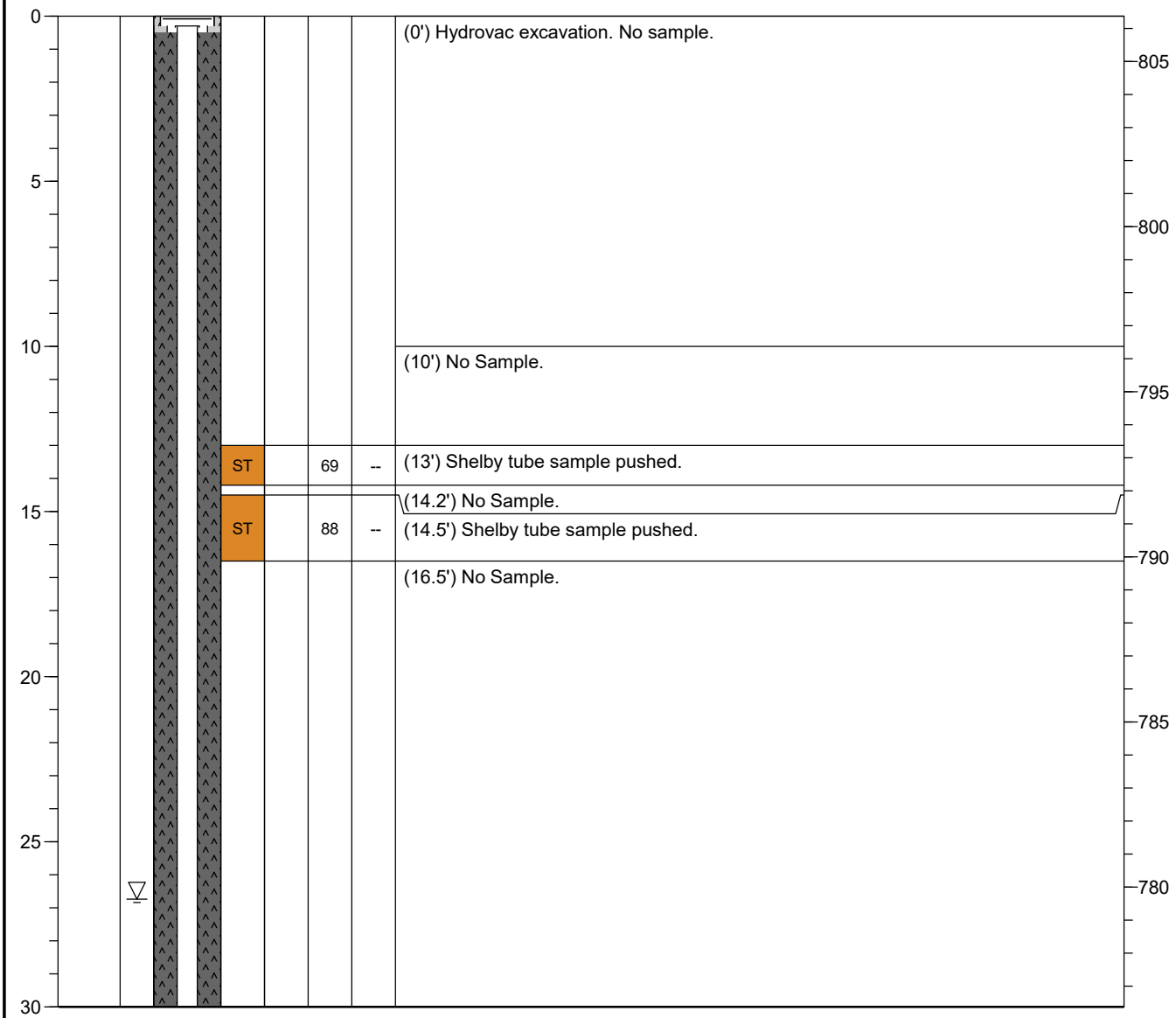
NOTES: Boring cleared to 10 ft bgs using hydrovac. Boring backfilled from 140-80 ft bgs with Aquaguard grout and 80-60 ft bgs with bentonite chips prior to setting the well. Well sealed with cement-bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and flush mount PVC riser with metal protective cover. 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.

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Client: Southern Company Services
Project: Plant Wansley Well Installation
Address: 1371 Liberty Church Rd, Carrollton, GA

WELL LOG
Well No. WGWC-38D
Page: 1 of 3

Drilling Start Date:	**1/29/2025**	Boring Depth (ft):	**90**	Well Depth (ft bgs):	**89.98**
Drilling End Date:	**1/31/2025**	Boring Diameter (in):	**6.875**	Well Diameter (in):	**2**
Drilling Company:	**Thompson Engineering**	Sampling Method(s):	**SPT, Shelby Tube**	Screen Slot (in):	**0.010**
Drilling Method:	**Mud Rotary**	Depth to Water (ft btoc):	**26.74**	Riser Material:	**Sch 40 PVC**
Drilling Equipment:	**CME 550X**	Ground Surface Elev. (ft):	**806.37**	Screen Material:	**Sch 40 PVC Slotted**
Driller:	**R. Odom**	Top of Casing Elev. (ft):	**806.15**	Seal Material(s):	**Grout, Bentonite**
Logged By:	**G. Kouvatsis**	North,East (ft):	**1243855.62, 2029276.99**	Filter Pack:	**#20/40 Sand**



NOTES: Boring cleared to 10 ft bgs using hydrovac. Well sealed with cement-bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and flush mount PVC riser with metal protective cover. 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.

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Client: Southern Company Services
Project: Plant Wansley Well Installation
Address: 1371 Liberty Church Rd, Carrollton, GA

WELL LOG
Well No. WGWC-38D
Page: 2 of 3

Drilling Start Date:	1/29/2025	Boring Depth (ft):	90	Well Depth (ft bgs):	89.98
Drilling End Date:	1/31/2025	Boring Diameter (in):	6.875	Well Diameter (in):	2
Drilling Company:	Thompson Engineering	Sampling Method(s):	SPT, Shelby Tube	Screen Slot (in):	0.010
Drilling Method:	Mud Rotary	Depth to Water (ft btoc):	26.74	Riser Material:	Sch 40 PVC
Drilling Equipment:	CME 550X	Ground Surface Elev. (ft):	806.37	Screen Material:	Sch 40 PVC Slotted
Driller:	R. Odom	Top of Casing Elev. (ft):	806.15	Seal Material(s):	Grout, Bentonite
Logged By:	G. Kouvatsis	North,East (ft):	1243855.62, 2029276.99	Filter Pack:	#20/40 Sand

DEPTH (FT)	Sample Type	Blow Counts	Recovery (%)	N Value	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD88)
30						775
35	SS	10 12 20 26	100	32	(34') Silty CLAY with sand (CL); brownish red (5YR 6/6), moist, hard, trace gravel (FILL) material.	
					(36') No Sample.	770
	ST		92	--	(38') Shelby tube sample pushed.	
40					(40') No Sample.	
	SS	7 13 11 12	88	24	(42') Sandy SILT (ML); pink-gray (7.5YR 6/2), moist, very stiff, some sand, trace fine gravel (FILL) material.	765
45					(44') No Sample.	
	SS	11 15 15 17	83	30	(46') Clayey SILT with sand (ML); gray (5YR 7/1), moist, hard, trace fine gravel (FILL) material.	760
50					(48') No Sample.	755
55	SS	8 15 17 21	75	32	(56') SILT with clay (ML); yellowish red (5YR 7/6) to brown (5YR 4/6), moist, hard, trace sand and fine gravel (FILL) material.	750
60	ST		0	--	(58') Shelby tube sample pushed.	

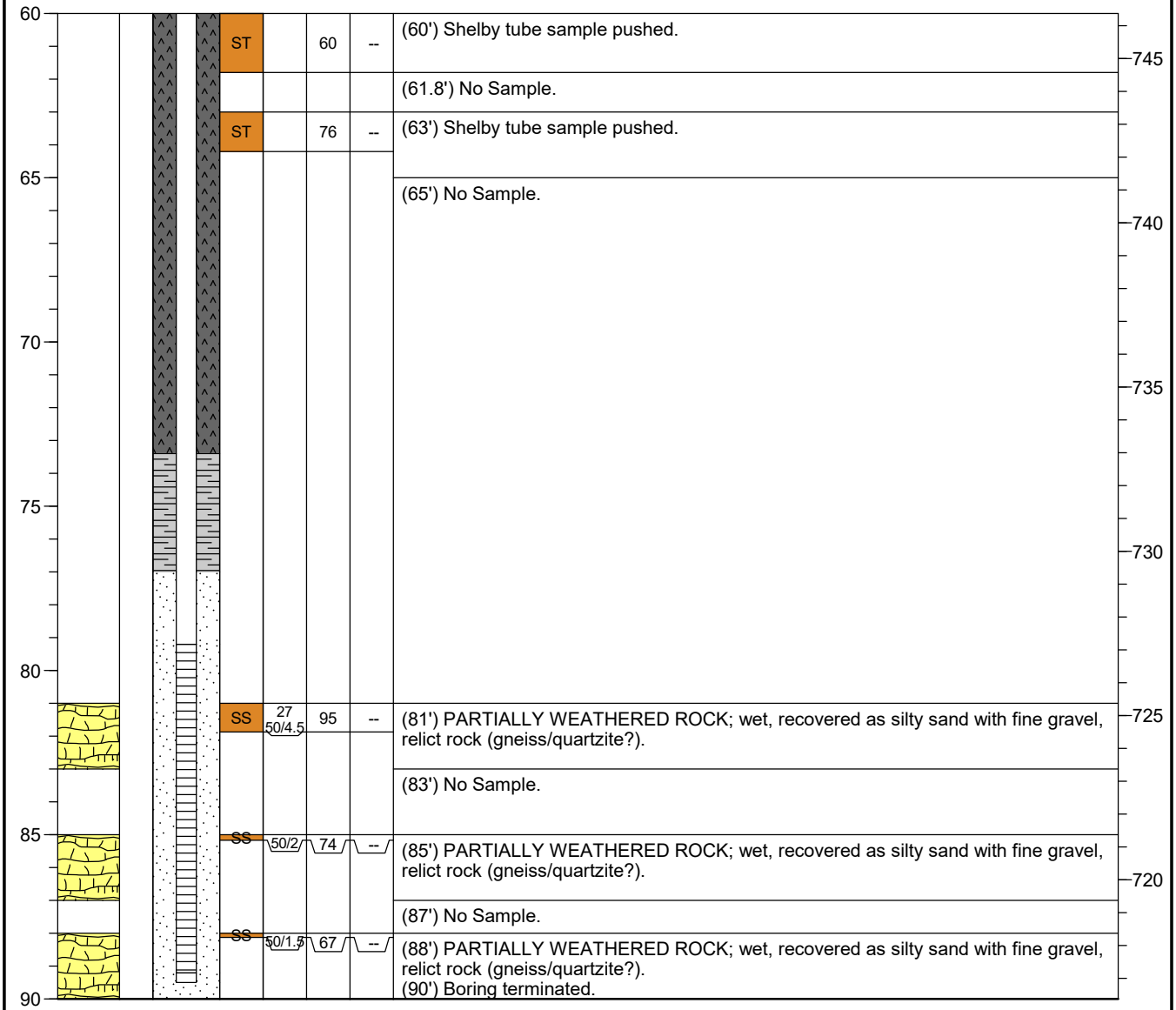
NOTES: Boring cleared to 10 ft bgs using hydrovac. Well sealed with cement-bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and flush mount PVC riser with metal protective cover. Well depth measured from ground surface. Coordinates in North American Datum (NAD) 1983, State Plane, Georgia-West, feet. Vertical elevations are referenced to the North American Vertical Datum (NAVD) of 1988.

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Client: Southern Company Services
Project: Plant Wansley Well Installation
Address: 1371 Liberty Church Rd, Carrollton, GA

WELL LOG
Well No. WGWC-38D
Page: 3 of 3

Drilling Start Date:	1/29/2025	Boring Depth (ft):	90	Well Depth (ft bgs):	89.98
Drilling End Date:	1/31/2025	Boring Diameter (in):	6.875	Well Diameter (in):	2
Drilling Company:	Thompson Engineering	Sampling Method(s):	SPT, Shelby Tube	Screen Slot (in):	0.010
Drilling Method:	Mud Rotary	Depth to Water (ft btoc):	26.74	Riser Material:	Sch 40 PVC
Drilling Equipment:	CME 550X	Ground Surface Elev. (ft):	806.37	Screen Material:	Sch 40 PVC Slotted
Driller:	R. Odom	Top of Casing Elev. (ft):	806.15	Seal Material(s):	Grout, Bentonite
Logged By:	G. Kouvatsis	North,East (ft):	1243855.62, 2029276.99	Filter Pack:	#20/40 Sand



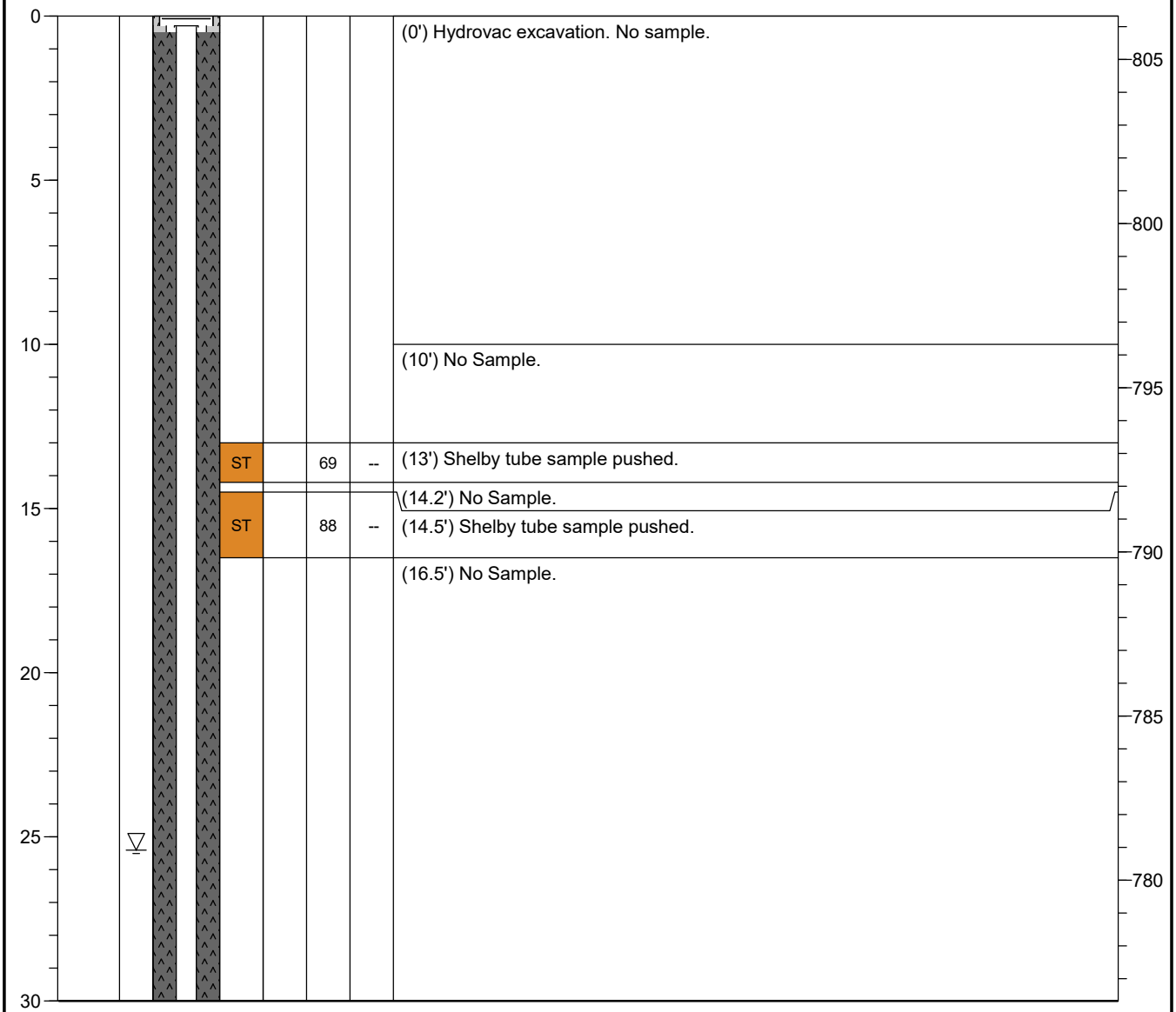
NOTES: Boring cleared to 10 ft bgs using hydrovac. Well sealed with cement-bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and flush mount PVC riser with metal protective cover. Well depth measured from ground surface. Coordinates in North American Datum (NAD) 1983, State Plane, Georgia-West, feet. Vertical elevations are referenced to the North American Vertical Datum (NAVD) of 1988.

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Client: Southern Company Services
Project: Plant Wansley Well Installation
Address: 1371 Liberty Church Rd, Carrollton, GA

WELL LOG
Well No. WGWC-38S
Page: 1 of 2

Drilling Start Date:	2/2/2025	Boring Depth (ft):	60	Well Depth (ft bgs):	59.76
Drilling End Date:	2/2/2025	Boring Diameter (in):	6.875	Well Diameter (in):	2
Drilling Company:	Thompson Engineering	Sampling Method(s):	SPT	Screen Slot (in):	0.010
Drilling Method:	Mud Rotary	Depth to Water (ft btoc):	25.41	Riser Material:	Sch 40 PVC
Drilling Equipment:	CME 550X	Ground Surface Elev. (ft):	806.32	Screen Material:	Sch 40 PVC Slotted
Driller:	R. Odom	Top of Casing Elev. (ft):	806.07	Seal Material(s):	Grout, Bentonite
Logged By:	G. Kouvatsis	North,East (ft):	1243844.64, 2029287.40	Filter Pack:	#20/40 Sand



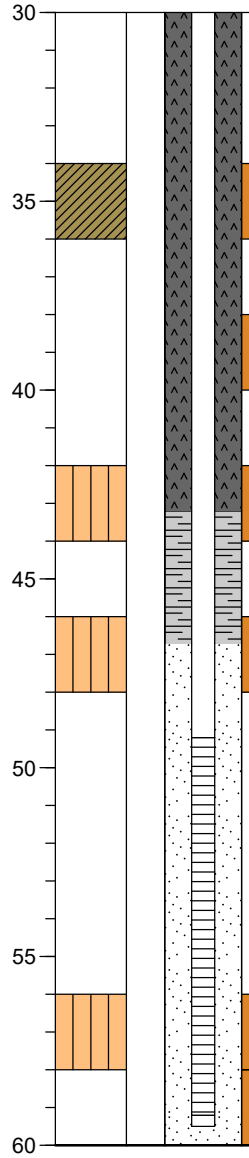
NOTES: Well sealed with cement-bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and flush mount PVC riser with metal protective cover. Well depth measured from ground surface. Coordinates in North American Datum (NAD) 1983, State Plane, Georgia-West, feet. Vertical elevations are referenced to the North American Vertical Datum (NAVD) of 1988.

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Client: Southern Company Services
Project: Plant Wansley Well Installation
Address: 1371 Liberty Church Rd, Carrollton, GA

WELL LOG
Well No. WGWC-38S
Page: 2 of 2

Drilling Start Date:	2/2/2025	Boring Depth (ft):	60	Well Depth (ft bgs):	59.76
Drilling End Date:	2/2/2025	Boring Diameter (in):	6.875	Well Diameter (in):	2
Drilling Company:	Thompson Engineering	Sampling Method(s):	SPT	Screen Slot (in):	0.010
Drilling Method:	Mud Rotary	Depth to Water (ft btoc):	25.41	Riser Material:	Sch 40 PVC
Drilling Equipment:	CME 550X	Ground Surface Elev. (ft):	806.32	Screen Material:	Sch 40 PVC Slotted
Driller:	R. Odom	Top of Casing Elev. (ft):	806.07	Seal Material(s):	Grout, Bentonite
Logged By:	G. Kouvatsis	North,East (ft):	1243844.64, 2029287.40	Filter Pack:	#20/40 Sand



DEPTH (FT)	Sample Type	Blow Counts	Recovery (%)	N Value	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD88)
30						775
35	SS	10 12 20 26	100	32	(34') Silty CLAY with sand (CL); brownish red (5YR 6/6), moist, hard, trace gravel (FILL) material.	
					(36') No Sample.	770
	ST		92	--	(38') Shelby tube sample pushed.	
40					(40') No Sample.	
	SS	7 13 11 12	88	24	(42') Sandy SILT (ML); pink-gray (7.5YR 6/2), moist, very stiff, some sand, trace fine gravel (FILL) material.	765
45					(44') No Sample.	
	SS	11 15 15 17	83	30	(46') Clayey SILT with sand (ML); gray (5YR 7/1), moist, hard, trace fine gravel (FILL) material.	760
50					(48') No Sample.	
						755
55	SS	8 15 17 21	75	32	(56') SILT with clay (ML); brown (5YR 7/6) to yellowish red (5YR 4/6), moist, hard, trace sand and fine gravel (FILL) material.	750
	ST		0	--	(58') Shelby tube sample pushed.	
60					(60') Boring terminated.	

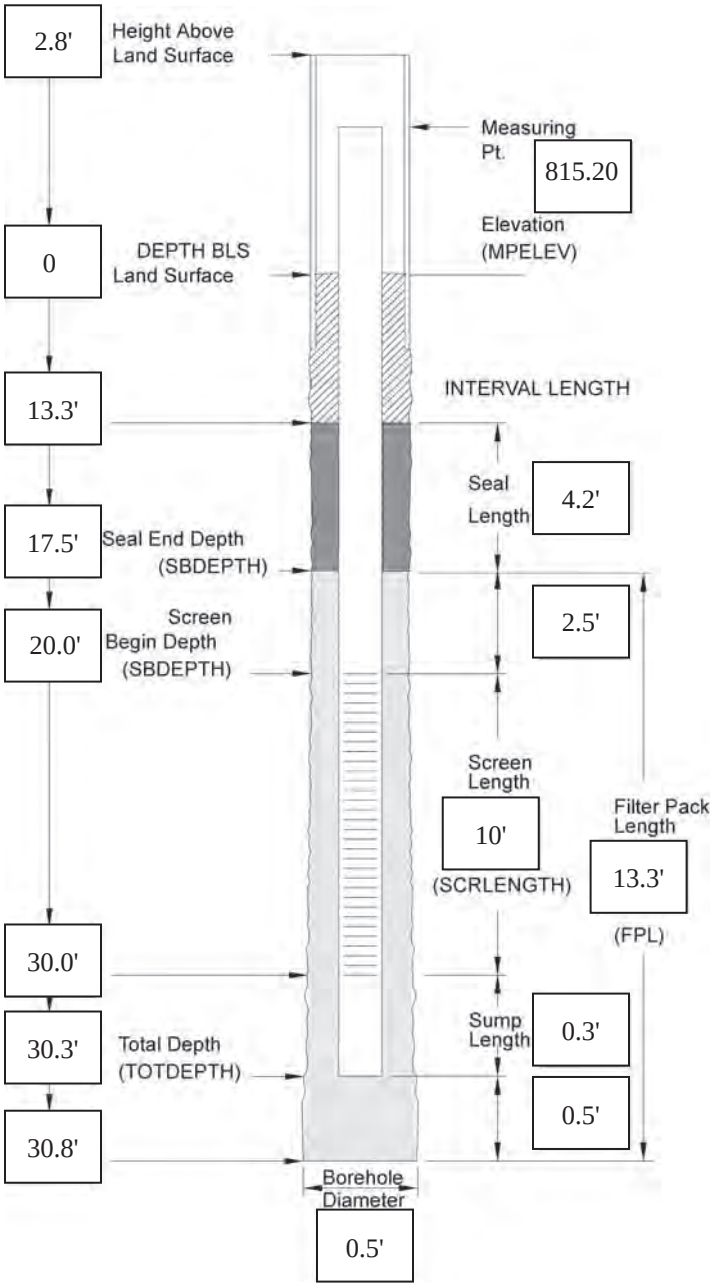
NOTES: Well sealed with cement-bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and flush mount PVC riser with metal protective cover. Well depth measured from ground surface. Coordinates in North American Datum (NAD) 1983, State Plane, Georgia-West, feet. Vertical elevations are referenced to the North American Vertical Datum (NAVD) of 1988.

WELL CONSTRUCTION LOG
ABOVE GROUND COMPLETION

Well I.D.: WGWC-30

Drilling Company: Cascade Environmental
Drillers: C. Franklin
Geologist/Engineer: G. Kouvatsis
Signature: Giannis Kouvatsis Digitally signed by Giannis Kouvatsis Date: 2025.04.21 13:36:16 -05'00'

Site: Plant Wansley
Project Number: GW11293
Installation Method: Sonic
Casing Installation Date: 12/9/24
Well Type: Monitoring well
Well Completion Method: Stick up
Geologic Completion Zone: Saprolite



Well Completion
Guard Posts **YES** Date: 12/16/24
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 3 50-lbs bags
Placement Method: Tremie pipe

Seal Date: 12/9/24
Type: Coated bentonite pellets 3/8"
Source: 5 gal bucket
Set-up/Hydration Time: 2 hours
Placement Method: Gravity pour
Vol. Fluid Added: N/A
Filter Pack
Type: 20/40 Filtersil sand
Source: Southern Products & Silica Co
Amount Used: 1.5 cubic ft (3 50-lb bags)
Placement Method: Gravity pour
Well Riser Pipe
Casing Material: PVC U-pack
Casing Inside Diameters: 2 in.
Screen
Material: Sch 40 PVC Inside Diameter: 2
Screen Slot Size: 0.010 in.
in.
Percent Open Area:
Sump or Bottom Cap **YES**
Type/Length: 4" PVC
Backfill Plug NO
Material: N/A
Placement Method: N/A
Set-up/Hydration Time: N/A
Total Water Volume During Construction
Introduced (Gal): 10 Recovered (Gal): 10
Reviewed
By: Dalton Kegley Date: 4/21/2025

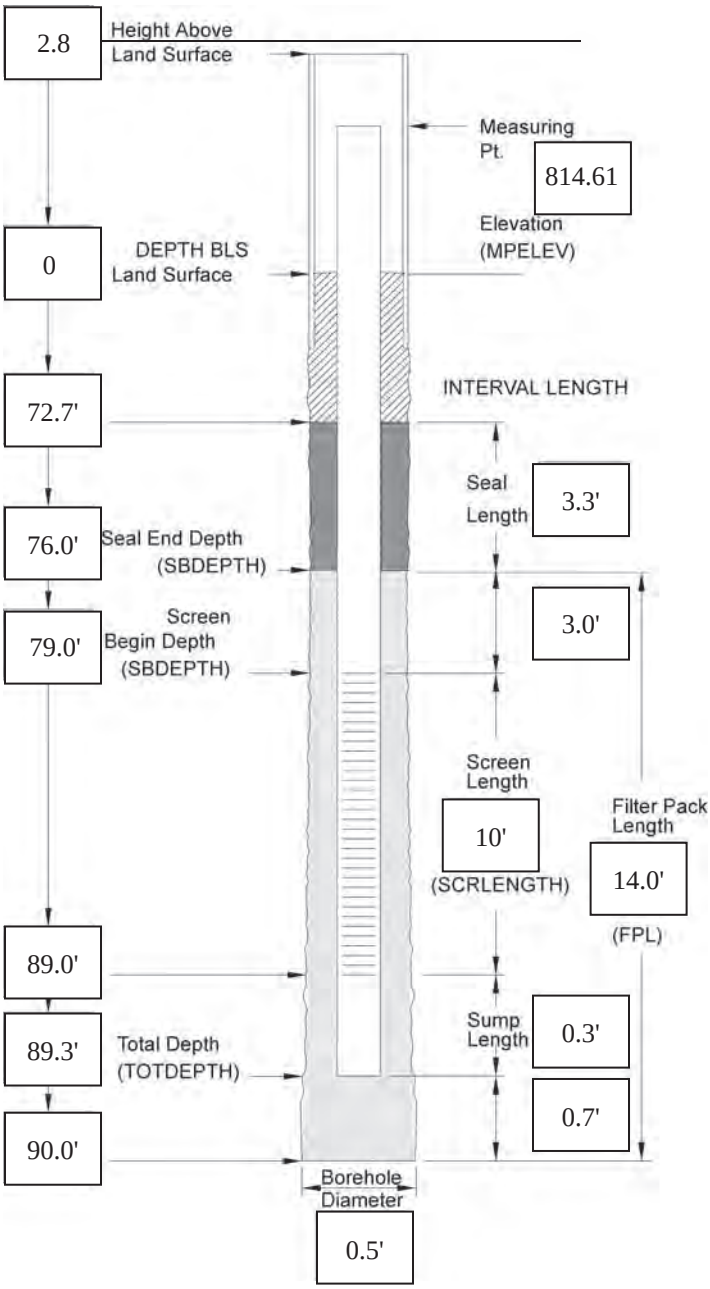
Comments
Depth to Water: 20.36' below top of casing
Sealant used: 1 cubic ft

WELL CONSTRUCTION LOG
ABOVE GROUND COMPLETION

Well I.D.: WGWC-31D

Drilling Company: Cascade Environmental
Drillers: C. Franklin
Geologist/Engineer: G. Kouvatsis
Signature: Giannis Kouvatsis Digitally signed by Giannis Kouvatsis Date: 2025.04.21 13:36:51 -05'00'

Site: Plant Wansley
Project Number: GW11293
Installation Method: Sonic
Casing Installation Date: 12/9/24
Well Type: Monitoring well
Well Completion Method: Stick up
Geologic Completion Zone: Bedrock



Comments
Depth to Water: 79.73' below top of casing
Sealant used: 0.75 cubic ft

Well Completion
Guard Posts **YES** Date: 12/16/24
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 6 50-lbs bags
Placement Method: Tremie pipe

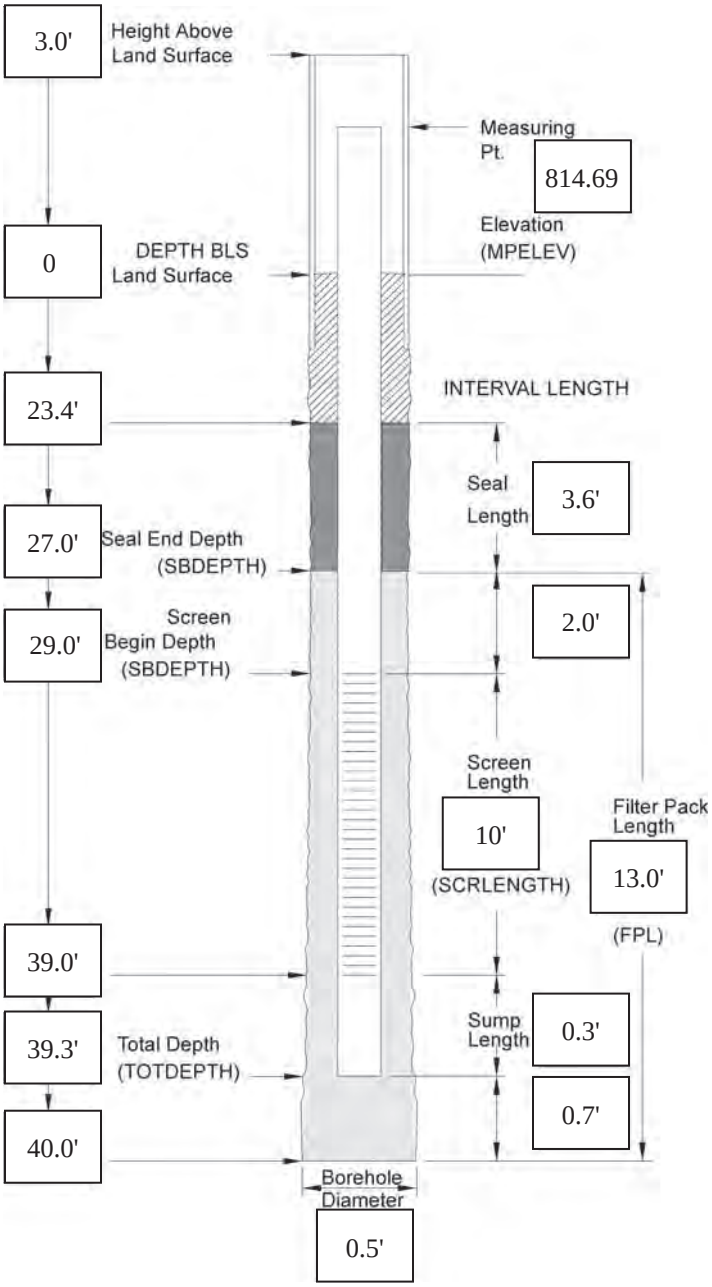
Seal Date: 12/9/24
Type: Coated bentonite pellets 3/8"
Source: PelPlug
Set-up/Hydration Time: 2 hours
Placement Method: Gravity pour
Vol. Fluid Added: N/A
Filter Pack
Type: 20/40 Filtersil sand
Source: Southern Products &Silica Co
Amount Used: 2 cubic ft (4 50-lbs bags)
Placement Method: Gravity
Well Riser Pipe
Casing Material: PVC U-pack
Casing Inside Diameters: 2 in.
Screen
Material: Sch 40 PVC Inside Diameter: 2
Screen Slot Size: 0.010 in.
in.
Percent Open Area:
Sump or Bottom Cap **YES**
Type/Length: 4" PVC
Backfill Plug NO
Material: N/A
Placement Method: N/A
Set-up/Hydration Time: N/A
Total Water Volume During Construction
Introduced (Gal): 50 Recovered (Gal): 50
Reviewed
By: Dalton Kegley Date: 4/21/2025

WELL CONSTRUCTION LOG
ABOVE GROUND COMPLETION

Well I.D.: WGWC-31S

Drilling Company: Cascade Environmental
Drillers: C. Franklin
Geologist/Engineer: G. Kouvatsis
Signature: Giannis Kouvatsis Digitally signed by Giannis Kouvatsis Date: 2025.04.21 13:37:13 -05'00'

Site: Plant Wansley
Project Number: GW11293
Installation Method: Sonic
Casing Installation Date: 12/6/24
Well Type: Monitoring well
Well Completion Method: Stick up
Geologic Completion Zone: PWR



Well Completion
Guard Posts **YES** Date: 12/16/24
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 2 50-lbs bags
Placement Method: Tremie pipe

Seal Date: 12/6/24
Type: Coated bentonite pellets 3/8"
Source: PelPlug
Set-up/Hydration Time: 2 hours
Placement Method: Gravity pour
Vol. Fluid Added: N/A
Filter Pack
Type: 20/40 Filtersil sand
Source: Southern Products & Silica Co
Amount Used: 1.5 cubic ft (3 50-lbs bags)
Placement Method: Gravity
Well Riser Pipe
Casing Material: PVC U-pack
Casing Inside Diameters: 2 in.
Screen
Material: Sch 40 PVC Inside Diameter: 2
Screen Slot Size: 0.010 in.
in.
Percent Open Area:
Sump or Bottom Cap **YES**
Type/Length: 4" PVC
Backfill Plug NO
Material: N/A
Placement Method: N/A
Set-up/Hydration Time: N/A
Total Water Volume During Construction
Introduced (Gal): 10 Recovered (Gal): 10
Reviewed
By: Dalton Kegley Date: 4/21/2025

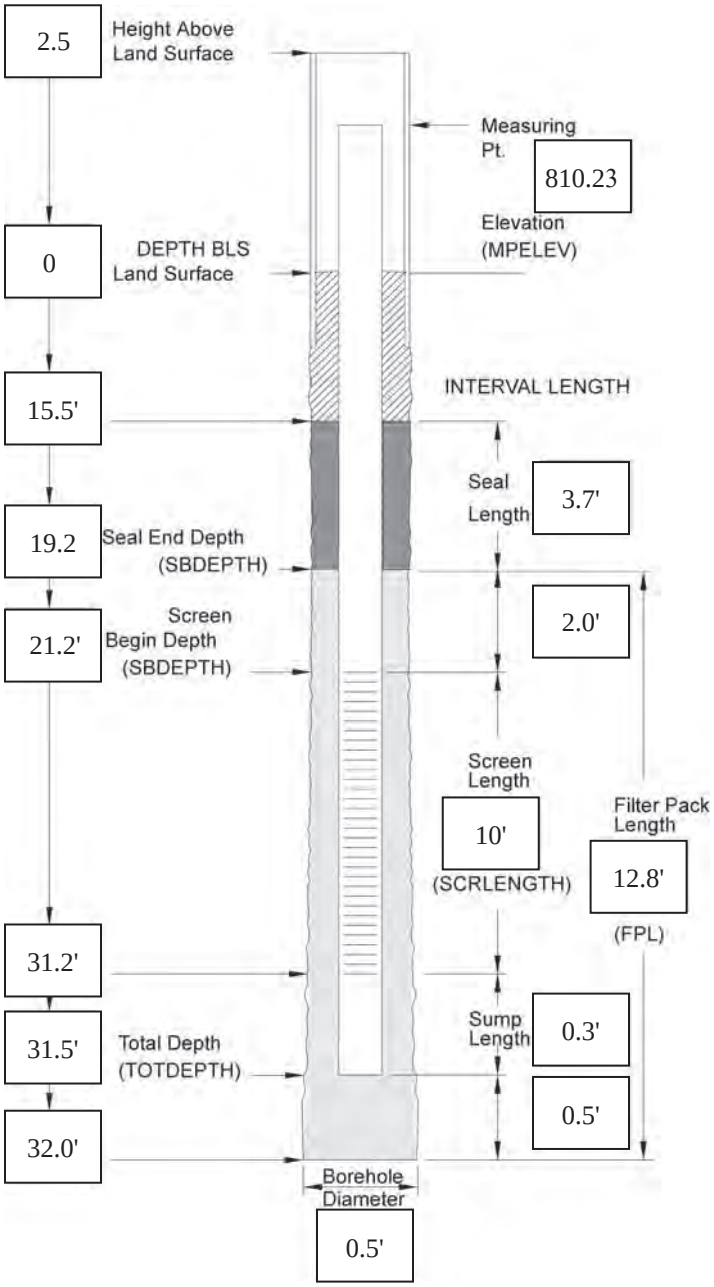
Comments
Depth to Water: 28.46' below top of casing
Sealant used: 0.9 cubic ft

WELL CONSTRUCTION LOG
ABOVE GROUND COMPLETION

Well I.D.: WGWC-32

Drilling Company: Cascade Environmental
Drillers: C. Franklin
Geologist/Engineer: G. Kouvatsis
Signature: Giannis Kouvatsis Digitally signed by Giannis Kouvatsis Date: 2025.04.21 13:37:34 -05'00'

Site: Plant Wansley
Project Number: GW11293
Installation Method: Sonic
Casing Installation Date: 12/10/24
Well Type: Monitoring well
Well Completion Method: Stick up
Geologic Completion Zone: PWR



Well Completion
Guard Posts **YES** Date: 12/16/24
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 2 50-lbs bags
Placement Method: Tremie pipe

Seal Date: 12/9/24
Type: Uncoated bentonite pellets
Source: PelPlug 5-gal bucket
Set-up/Hydration Time: 2 hours
Placement Method: Gravity pour
Vol. Fluid Added: N/A
Filter Pack
Type: 20/40 Filtersil sand
Source: Southern Products & Silica Co
Amount Used: 1.75 cubic ft (3.5 50-lbs bags)
Placement Method: Gravity pour
Well Riser Pipe
Casing Material: PVC U-pack
Casing Inside Diameters: 2 in.
Screen
Material: Sch 40 PVC
Inside Diameter: 2 in.
Screen Slot Size: 0.010 in.
Percent Open Area:
Sump or Bottom Cap **YES**
Type/Length: 4" PVC
Backfill Plug NO
Material: N/A
Placement Method: N/A
Set-up/Hydration Time: N/A
Total Water Volume During Construction
Introduced (Gal): 10 Recovered (Gal): 10
Reviewed
By: Dalton Kegley Date: 4/21/2025

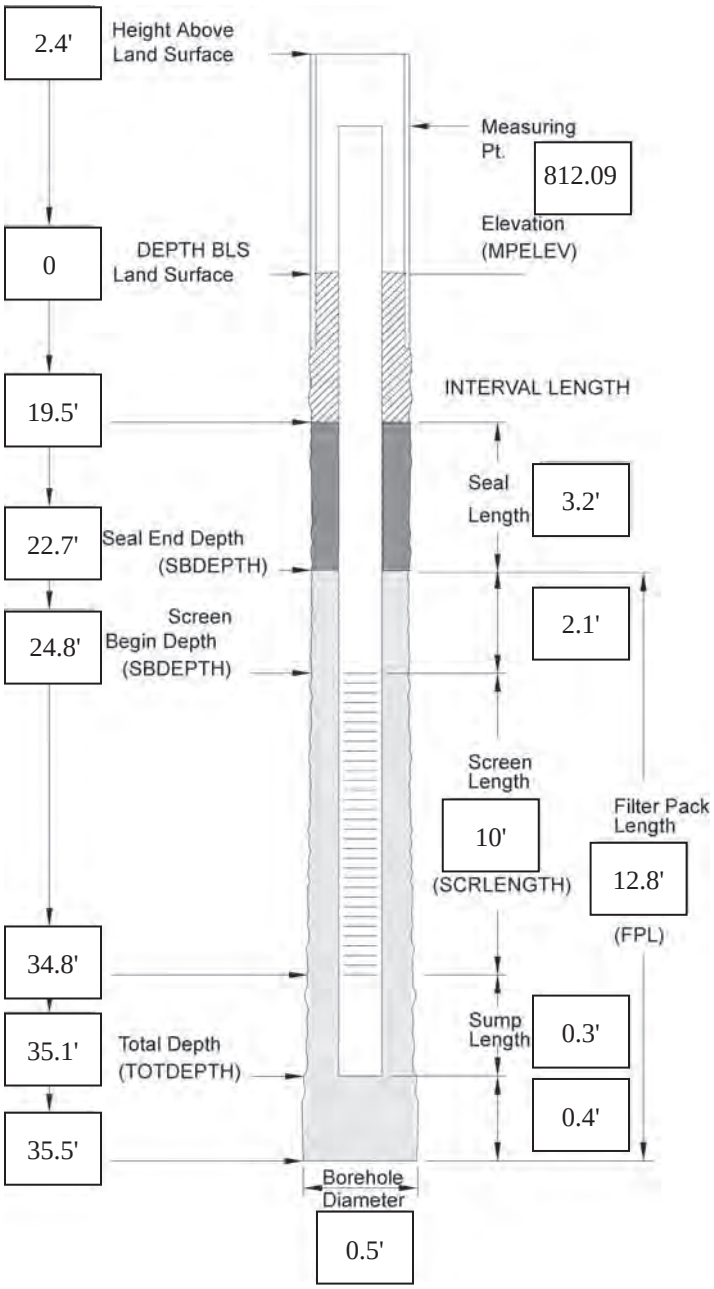
Comments
Depth to Water: 17.02' below top of casing
Sealant used: 0.93 cubic ft

WELL CONSTRUCTION LOG
ABOVE GROUND COMPLETION

Well I.D.: WGWC-33

Drilling Company: Cascade Environmental
Drillers: C. Franklin
Geologist/Engineer: G. Kouvatsis
Signature: Giannis Kouvatsis Digitally signed by Giannis Kouvatsis Date: 2025.04.21 13:38:01 -05'00'

Site: Plant Wansley
Project Number: GW11293
Installation Method: Sonic
Casing Installation Date: 12/11/24
Well Type: Monitoring well
Well Completion Method: Stick up
Geologic Completion Zone: PWR



Well Completion
Guard Posts **YES** Date: 12/16/24
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 2 50-lbs bags
Placement Method: Tremie pipe

Seal Date: 12/11/24
Type: Coated bentonite pellets 3/8"
Source: PelPlug 5-gal bucket
Set-up/Hydration Time: 2 hours
Placement Method: Gravity pour
Vol. Fluid Added: N/A
Filter Pack
Type: 20/40 Filtersil sand
Source: Southern Products & Silica Co
Amount Used: 1.5 cubic ft (3 50-lbs bags)
Placement Method: Gravity pour
Well Riser Pipe
Casing Material: PVC U-pack
Casing Inside Diameters: 2 in.
Screen
Material: Sch 40 PVC Inside Diameter: 2
Screen Slot Size: 0.010 in.
in.
Percent Open Area:
Sump or Bottom Cap **YES**
Type/Length: 4" PVC
Backfill Plug NO
Material: N/A
Placement Method: N/A
Set-up/Hydration Time: N/A
Total Water Volume During Construction
Introduced (Gal): 10 Recovered (Gal): 10
Reviewed
By: Dalton Kegley Date: 4/21/2025

Comments
Depth to Water: 19.84' below top of casing
Sealant used: 0.8 cubic ft

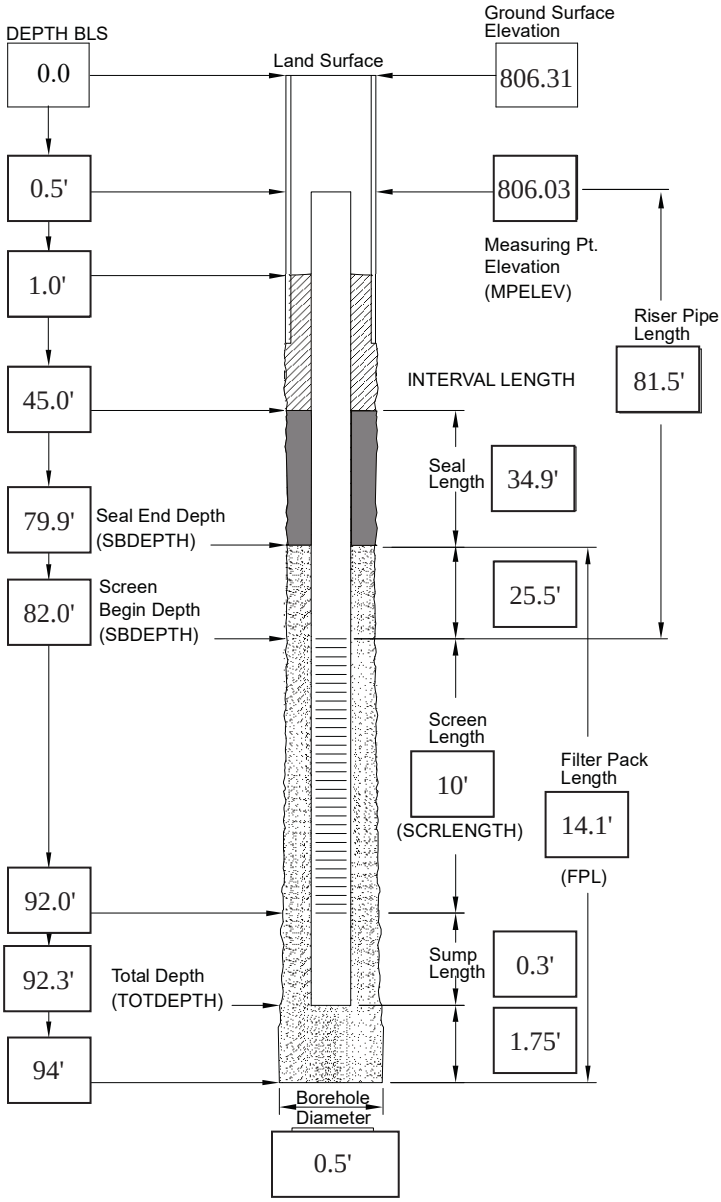
Project # GW11293

FORM C
Fieldbook _____

WELL CONSTRUCTION LOG
STANDARD FLUSH MOUNT

Well I.D. (LOCID): WGWC-34D
Drilling Company: Thompson Engineering
Drillers: R. Odom
Geologist/Engineer: A. Tomlinson
Signature: Amanda Tomlinson Digitally signed by Amanda Tomlinson Date: 2025.04.21 14:20:43 -04'00'

Site: Plant Wansley
Installation Method: Mud rotary
Casing Installation Date (INSDATE): 3/9/25
Well Type (WTCCODE): Monitoring well
Well Completion Method (WCMCODE): Flush mount
Geologic Completion Zone (GZCODE): Fill/residual boundary



Well Completion
Guard Posts NO Date: 3/21/25
Surface Pad Size: 4 ft x 4 ft
Protective Casing or Cover
Diameter/Type: 12" manhole
Depth BGS: 1' Weep Hole NO
Grout
Composition/Proportions:
1:1 Aquaguard to Quikrete
Placement Method: Tremie pipe

Seal Date: 3/9/25
Type: Coated bentonite pellets 3/8"
Source: 5 gal bucket PelPlug
Set-up/Hydration Time: 2 hours
Placement Method: Gravity pour
Vol. Fluid Added: N/A
Filter Pack
Type: 20/40 Silica sand
Source: Southern Products & Silica Co / Filtersil
Amount Used: 2.5 cubic ft (5 50-lbs bags)
Placement Method: Gravity pour
Well Riser Pipe
Casing Material (CMACODE): Sch 40 PVC
Casing Inside Diameters (CASDIAM): 2 in.
Screen
Material: SCV 40 PVC
Inside Diameter (SCRDIAM): 2 in.
Screen Slot Size: (SOUA): 0.010 in.
Percent Open Area (PCTOPEN): _____
Sump or Bottom Cap (YES
Type/Length: 0.3' Sch 40 PVC
Backfill Plug (NO
Material: N/A
Placement Method: N/A
Set-up/Hydration Time: N/A
Total Water Volume During Construction
Introduced (Gal): 50
Recovered (Gal): 50
Reviewed
By: Dalton Kegley Date: 4/21/2025

Comments
Pellets to 76.8'
Chips to 45' (7 bags)
Depth to water 28.45' below top of casing
Sealant used: 0.78 cubic ft pellets, 7.95 cubic ft chips

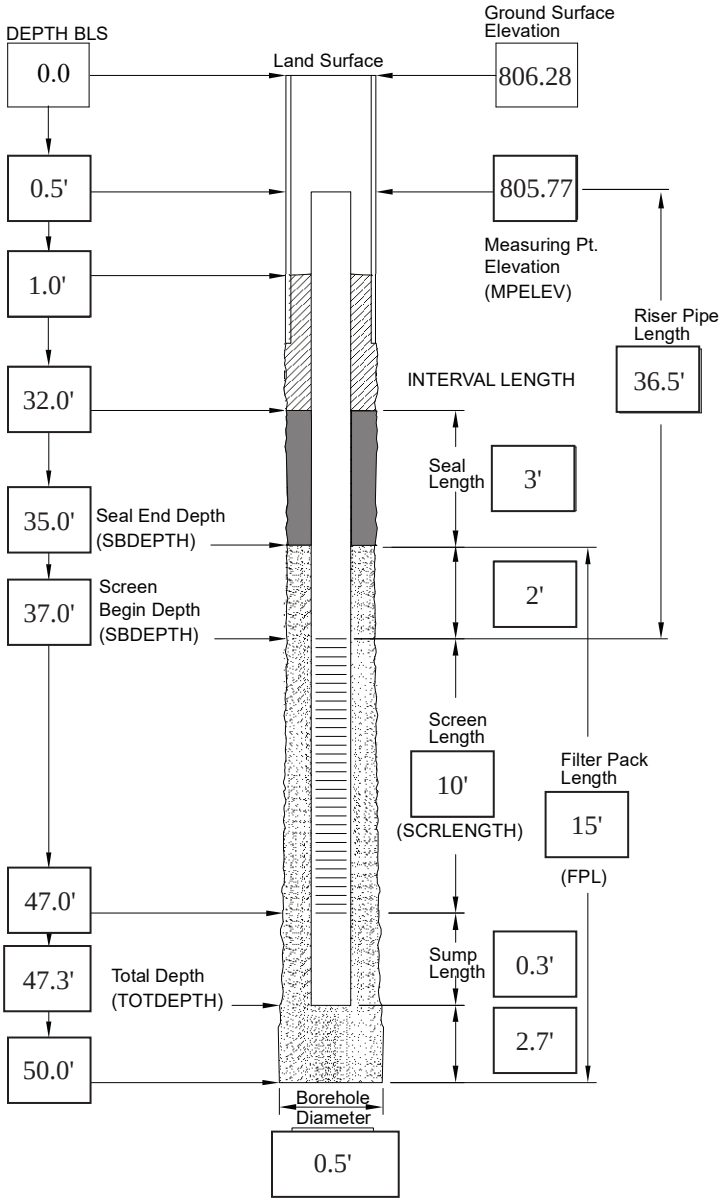
Project # GW11293

FORM C
Fieldbook _____

WELL CONSTRUCTION LOG
STANDARD FLUSH MOUNT

Well I.D. (LOCID): WGWC-34S
Drilling Company: Thompson Engineering
Drillers: R. Odom
Geologist/Engineer: A. Tomlinson
Signature: Amanda Tomlinson Digitally signed by Amanda Tomlinson Date: 2025.04.21 14:23:14 -04'00'

Site: Plant Wansley
Installation Method: Mud rotary
Casing Installation Date (INSDATE): 3/19/25
Well Type (WTCCODE): Monitoring well
Well Completion Method (WCMCODE): Flush mount
Geologic Completion Zone (GZCODE): Fill material



Well Completion
Guard Posts NO Date: 3/21/25
Surface Pad Size: 4 ft x 4 ft
Protective Casing or Cover
Diameter/Type: 12" manhole
Depth BGS: 1' Weep Hole NO
Grout
Composition/Proportions:
2-50 lbs bags Aquaguard & 2 94-lbs bags Quikrete
Placement Method: Tremie pipe

Seal Date: 3/19/25
Type: Coated bentonite pellets 3/8"
Source: 5 gal bucket PelPlug
Set-up/Hydration Time: 2 hours
Placement Method: Gravity pour
Vol. Fluid Added: N/A
Filter Pack
Type: 20/40 Silica sand
Source: Southern Products & Silica Co / Filtersil
Amount Used: 3 cubic ft (6 50-lbs bags)
Placement Method: Gravity pour
Well Riser Pipe
Casing Material (CMACODE): Sch 40 PVC
Casing Inside Diameters (CASDIAM): 2 in.
Screen
Material: SCV 40 PVC
Inside Diameter (SCRDIAM): 2 in.
Screen Slot Size: (SOUA): 0.010 in.
Percent Open Area (PCTOPEN): _____
Sump or Bottom Cap (YES
Type/Length: 0.3' Sch 40 PVC
Backfill Plug (YES
Material: Bentonite chips
Placement Method: Gravity pour
Set-up/Hydration Time: 45 minutes
Total Water Volume During Construction
Introduced (Gal): 50
Recovered (Gal): 50
Reviewed
By: Dalton Kegley Date: 4/21/2025

Comments
Drilled to 80', backfilled with chips to 50' (3 bags)
Depth to water 21.08' below top of casing
Sealant used: 0.75 cubic ft

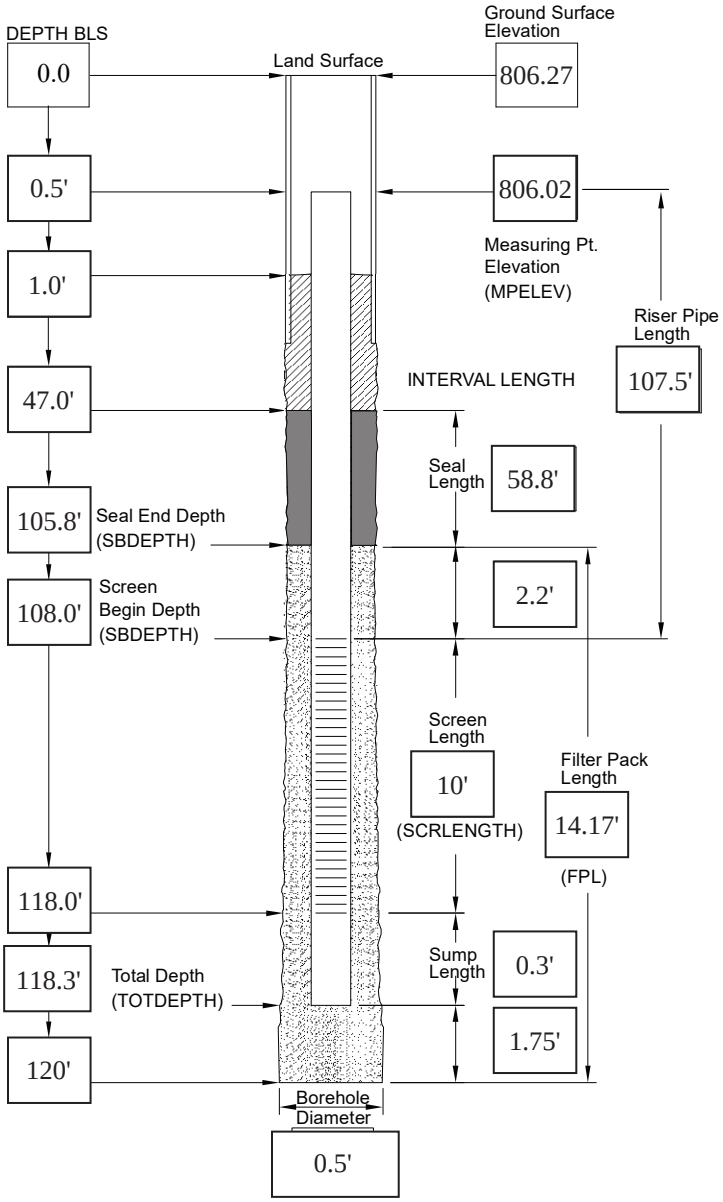
Project # GW11293

FORM C
Fieldbook _____

WELL CONSTRUCTION LOG
STANDARD FLUSH MOUNT

Well I.D. (LOCID): WGWC-35D
Drilling Company: Thompson Engineering
Drillers: R. Odom
Geologist/Engineer: A. Tomlinson
Signature: Amanda Tomlinson Digitally signed by Amanda Tomlinson Date: 2025.04.21 14:24:44 -04'00'

Site: Plant Wansley
Installation Method: Mud rotary
Casing Installation Date (INSDATE): 3/6/25
Well Type (WTCCODE): Monitoring well
Well Completion Method (WCMCODE): Flush mount
Geologic Completion Zone (GZCODE): Fill/Residual boundar



Well Completion
Guard Posts NO Date: 3/21/25
Surface Pad Size: 4 ft x 4 ft
Protective Casing or Cover
Diameter/Type: 12" manhole
Depth BGS: 1' Weep Hole NO
Grout
Composition/Proportions:
1:1 Aquaguard to Quikrete cement
Placement Method: Tremie pipe

Seal Date: 3/6/25
Type: Coated bentonite pellets 3/8"
Source: 5 gal bucket PelPlug
Set-up/Hydration Time: Overnight
Placement Method: Gravity pour
Vol. Fluid Added: N/A
Filter Pack
Type: 20/40 Silica sand
Source: Southern products & silica / Filtersil
Amount Used: 3 cubic ft (6 50-lb bags)
Placement Method: Gravity pour
Well Riser Pipe
Casing Material (CMACODE): Sch 40 PVC
Casing Inside Diameters (CASDIAM): 2 in.
Screen
Material: SCV 40 PVC
Inside Diameter (SCRDIAM): 2 in.
Screen Slot Size: (SOUA): 0.010 in.
Percent Open Area (PCTOPEN): _____
Sump or Bottom Cap (YES
Type/Length: 0.3' Sch 40 PVC
Backfill Plug (NO
Material: N/A
Placement Method: N/A
Set-up/Hydration Time: N/A
Total Water Volume During Construction
Introduced (Gal): 50
Recovered (Gal): 50
Reviewed
By: Dalton Kegley Date: 4/21/2025

Comments
Pellets to 102.33' (3.5' seal), chips to 47' (9 bags)
Depth to water 28.73' below top of casing
Sealent used: 0.88 cubic ft pellets, 13.8 cubic ft chips

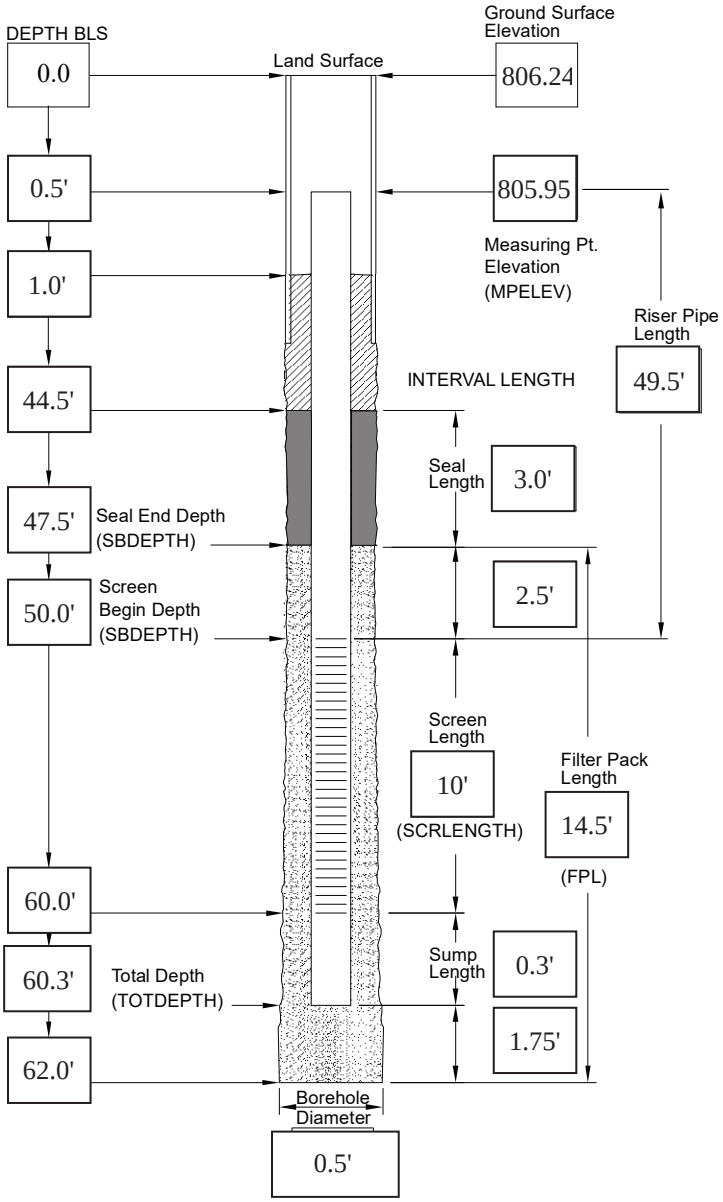
Project # GW11293

FORM C
Fieldbook _____

WELL CONSTRUCTION LOG
STANDARD FLUSH MOUNT

Well I.D. (LOCID): WGWC-35S
Drilling Company: Thompson Engineering
Drillers: R. Odum
Geologist/Engineer: A. Tomlinson
Signature: Amanda Tomlinson Digitally signed by Amanda Tomlinson Date: 2025.04.21 14:26:45 -04'00'

Site: Plant Wansley
Installation Method: Mud rotary
Casing Installation Date (INSDATE): 2/26/25
Well Type (WTCODE): Monitoring well
Well Completion Method (WCMCODE): Flush mount
Geologic Completion Zone (GZCODE): Fill material



Well Completion
Guard Posts NO Date: 3/21/25
Surface Pad Size: 4 ft x 4 ft
Protective Casing or Cover
Diameter/Type: 12" manhole
Depth BGS: 1' Weep Hole NO
Grout
Composition/Proportions:
1:1 Aquaguard to Quikrete cement
Placement Method: Tremie pipe

Seal Date: 2/26/25
Type: Coated bentonite pellets 3/8"
Source: 5 gal bucket PelPlug
Set-up/Hydration Time: Overnight
Placement Method: Gravity pour
Vol. Fluid Added: N/A
Filter Pack
Type: 20/40 Silica sand
Source: Southern products & silica / Filtersil
Amount Used: 2.5 cubic ft (5 50-lbs bags)
Placement Method: Gravity pour
Well Riser Pipe
Casing Material (CMACODE): Sch 40 PVC
Casing Inside Diameters (CASDIAM): 2 in.
Screen
Material: SCV 40 PVC
Inside Diameter (SCRDIAM): 2 in.
Screen Slot Size: (SOUA): 0.010 in.
Percent Open Area (PCTOPEN): _____
Sump or Bottom Cap (YES
Type/Length: 0.3' Sch 40 PVC
Backfill Plug (NO
Material: N/A
Placement Method: N/A
Set-up/Hydration Time: N/A
Total Water Volume During Construction
Introduced (Gal): 50
Recovered (Gal): 50
Reviewed
By: Dalton Kegley Date: 4/21/2025

Comments
Depth to water 21.20' below top of casing
Sealant used: 0.75 cubic ft

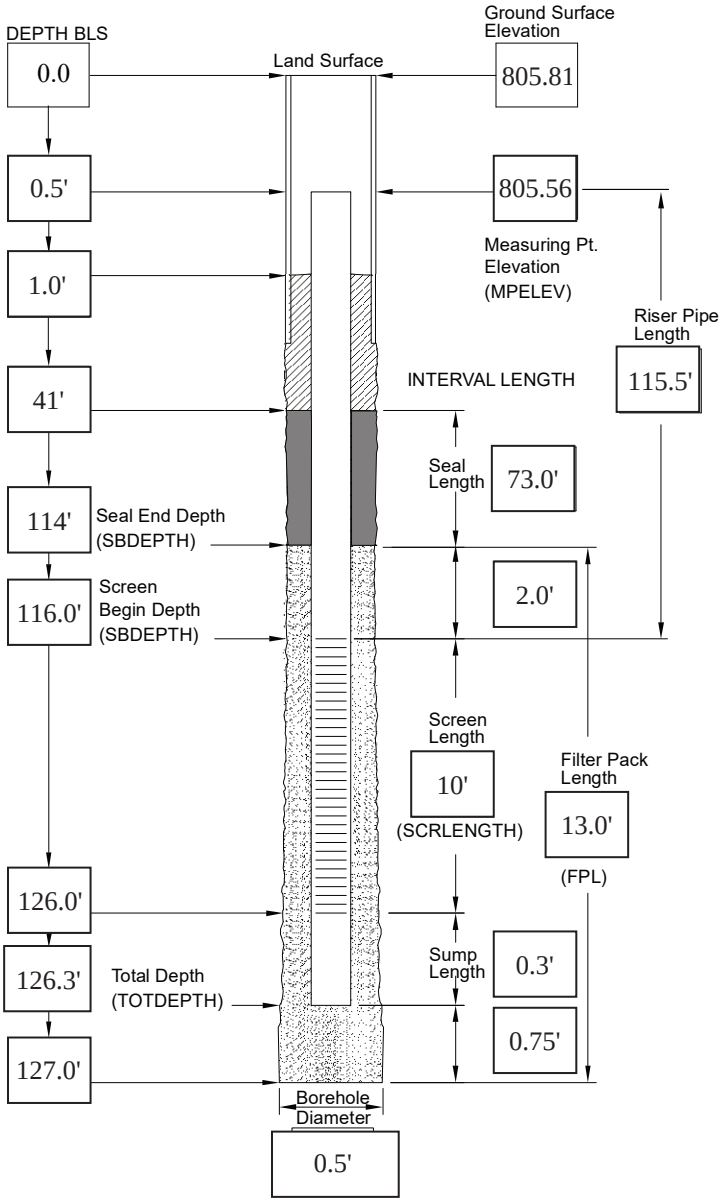
Project # GW11293

FORM C
Fieldbook _____

WELL CONSTRUCTION LOG
STANDARD FLUSH MOUNT

Well I.D. (LOCID): WGWC-36D
Drilling Company: Thompson Engineering
Drillers: R. Odom
Geologist/Engineer: A. Tomlinson
Signature: Amanda Tomlinson Digitally signed by Amanda Tomlinson Date: 2025.04.21 14:29:02 -04'00'

Site: Plant Wansley
Installation Method: Mud rotary
Casing Installation Date (INSDATE): 2/24/25
Well Type (WTCODE): Monitoring well
Well Completion Method (WCMCODE): Flush mount
Geologic Completion Zone (GZCODE): Fill/Residual boundar



Well Completion
Guard Posts NO Date: 3/21/25
Surface Pad Size: 4 ft x 4 ft
Protective Casing or Cover
Diameter/Type: 12" manhole
Depth BGS: _____ Weep Hole NO
Grout
Composition/Proportions:
1:1 Aquaguard to Quikrete cement
Placement Method: Tremie pipe

Seal Date: 2/24/25
Type: Coated bentonite pellets 3/8"
Source: 5 gal bucket PelPlug
Set-up/Hydration Time: Overnight
Placement Method: Gravity pour
Vol. Fluid Added: N/A
Filter Pack
Type: 20/40 Silica sand
Source: Southern Products & Silica Co / Filtersil
Amount Used: 3 cubic ft (6 50-lbs bags)
Placement Method: Gravity pour
Well Riser Pipe
Casing Material (CMACODE): Sch 40 PVC
Casing Inside Diameters (CASDIAM): 2 in.
Screen
Material: SCV 40 PVC
Inside Diameter (SCRDIAM): 2 in.
Screen Slot Size: (SOUA): 0.010 in.
Percent Open Area (PCTOPEN): _____
Sump or Bottom Cap (YES
Type/Length: 0.3' Sch 40 PVC
Backfill Plug (NO
Material: N/A
Placement Method: N/A
Set-up/Hydration Time: N/A
Total Water Volume During Construction
Introduced (Gal): 50
Recovered (Gal): 50
Reviewed
By: Dalton Kegley Date: 4/21/2025

Comments
Pellets to 111' (1 bucket), chips to 41' bgs (16 bags)
Depth to water 25.53' below top of casing
Sealant used: 0.75 cubic ft pellets, 17.5 cubic ft chips

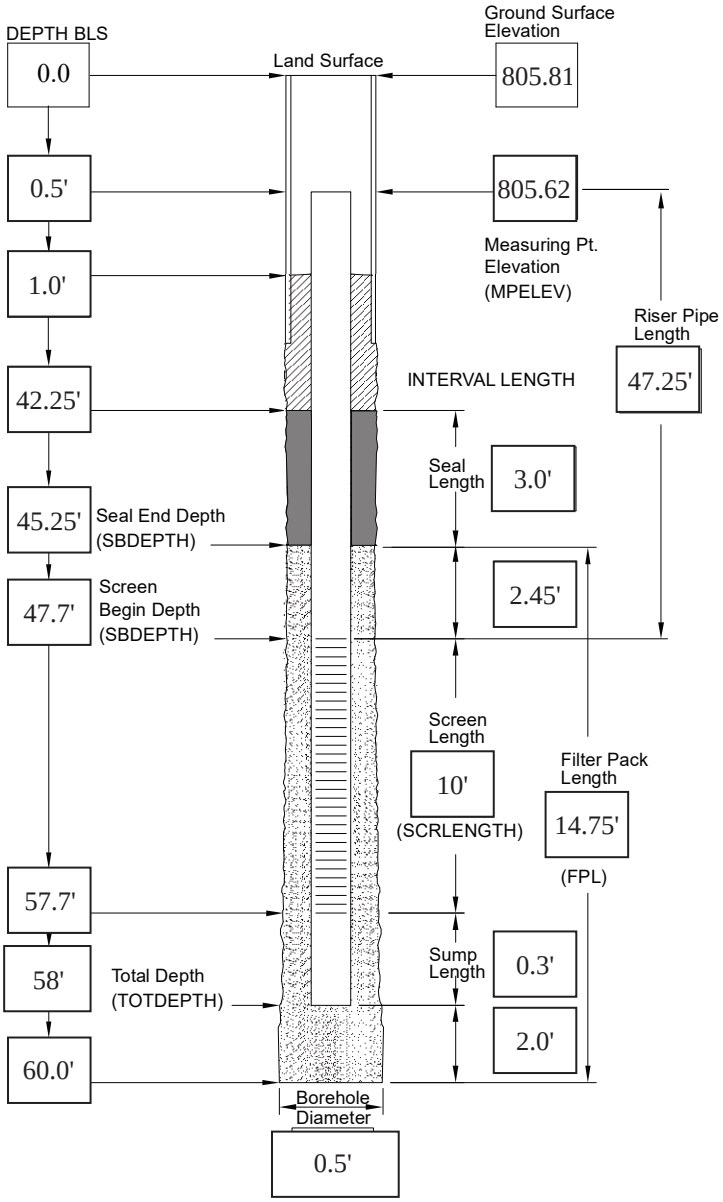
Project # GW11293

FORM C
Fieldbook _____

WELL CONSTRUCTION LOG
STANDARD FLUSH MOUNT

Well I.D. (LOCID): WGWC-36S
Drilling Company: Thompson Engineering
Drillers: R. Odom
Geologist/Engineer: A. Tomlinson
Signature: Amanda Tomlinson Digitally signed by Amanda Tomlinson Date: 2025.04.21 14:29:59 -04'00'

Site: Plant Wansley
Installation Method: Mud rotary
Casing Installation Date (INSDATE): 2/21/25
Well Type (WTCODE): Monitoring well
Well Completion Method (WCMCODE): Flush mount
Geologic Completion Zone (GZCODE): Fill material



Well Completion
Guard Posts NO Date: 3/21/25
Surface Pad Size: 4 ft x 4 ft
Protective Casing or Cover
Diameter/Type: 12" manhole
Depth BGS: _____ Weep Hole NO
Grout
Composition/Proportions:
1:1 Aquaguard to Quikrete cement
Placement Method: Tremie pipe

Seal Date: 2/21/25
Type: Coated bentonite pellets 3/8"
Source: 5 gal bucket PelPlug
Set-up/Hydration Time: Overnight
Placement Method: Gravity pour
Vol. Fluid Added: N/A
Filter Pack
Type: 20/40 Silica sand
Source: Southern products & silica / Filtersil
Amount Used: 4.5 cubic ft (9 50-lbs bags)
Placement Method: Gravity pour
Well Riser Pipe
Casing Material (CMACODE): Sch 40 PVC
Casing Inside Diameters (CASDIAM): 2 in.
Screen
Material: SCV 40 PVC
Inside Diameter (SCRDIAM): 2 in.
Screen Slot Size: (SOUA): 0.010 in.
Percent Open Area (PCTOPEN): _____
Sump or Bottom Cap (YES
Type/Length: 0.3' Sch 40 PVC
Backfill Plug (YES
Material: Aquaguard / Bentonite Chips
Placement Method: Tremie pipe / Gravity pour
Set-up/Hydration Time: 1.5 hours
Total Water Volume During Construction
Introduced (Gal): 50
Recovered (Gal): 50
Reviewed
By: Dalton Kegley Date: 4/21/2025

Comments
Depth to water 26.34' below top of casing
Sealant used: 0.75 cubic ft

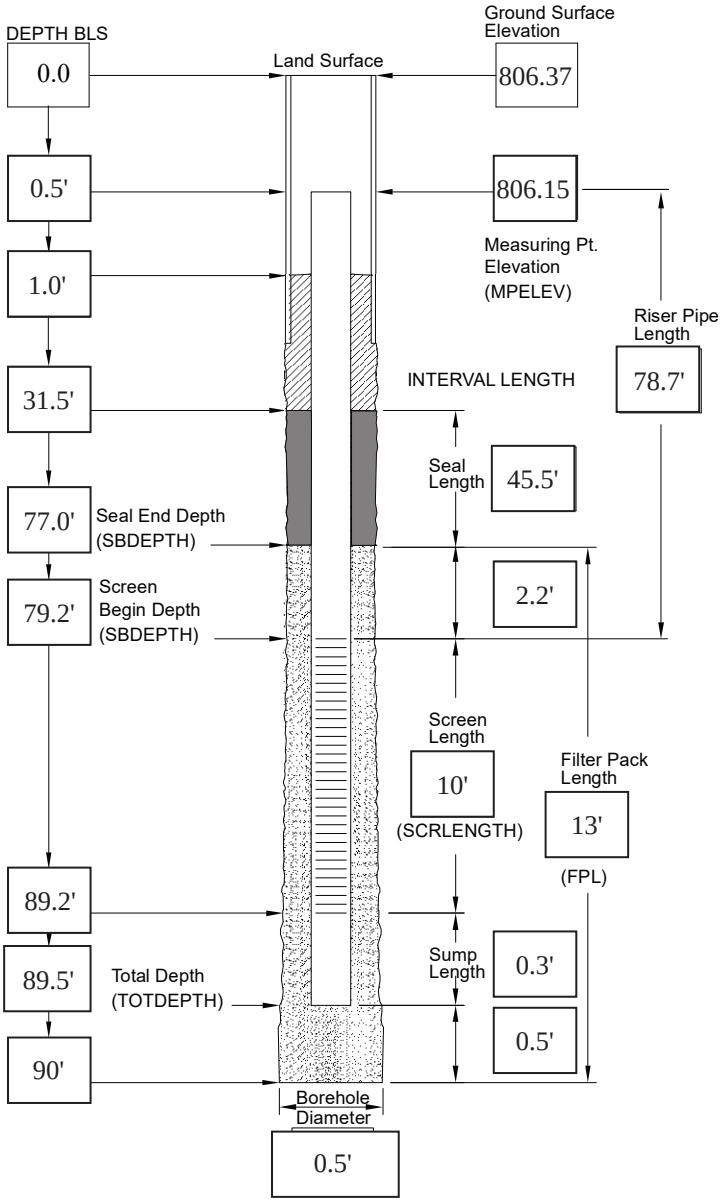
Project # GW11293

FORM C
Fieldbook _____

WELL CONSTRUCTION LOG
STANDARD FLUSH MOUNT

Well I.D. (LOCID): WGWC-38D
Drilling Company: Thompson Engineering
Drillers: R. Odom
Geologist/Engineer: G. Kouvatsis
Signature: Giannis Kouvatsis Digitally signed by Giannis Kouvatsis Date: 2025.04.21 13:38:28 -05'00'

Site: Plant Wansley
Installation Method: Mud rotary
Casing Installation Date (INSDATE): 1/31/25
Well Type (WTCCODE): Monitoring well
Well Completion Method (WCMCODE): Flush mount
Geologic Completion Zone (GZCODE): Fill/PWR boundary



Well Completion
Guard Posts NO Date: 3/21/25
Surface Pad Size: 4 ft x 4 ft
Protective Casing or Cover
Diameter/Type: 12" manhole
Depth BGS: _____ Weep Hole NO
Grout
Composition/Proportions:
1:4 Aquaguard to Quikrete mx - 30 gallons
Placement Method: Tremie pipe

Seal Date: 1/31/25
Type: Coated bentonite pellets 3/8"
Source: 5 gal bucket PelPlug
Set-up/Hydration Time: 2 hours
Placement Method: Gravity pour, 1.25 buckets
Vol. Fluid Added: N/A
Filter Pack
Type: 20/40 Silica sand - Consolidate aggregates
Source: Southern Products & Silica Co
Amount Used: 2.75 cubic ft (5.5 50-lbs bags)
Placement Method: Gravity pour
Well Riser Pipe
Casing Material (CMACODE): Sch 40 PVC
Casing Inside Diameters (CASDIAM): 2 in.
Screen
Material: SCV 40 PVC
Inside Diameter (SCRDIAM): 2 in.
Screen Slot Size: (SOUA): 0.010 in.
Percent Open Area (PCTOPEN): _____
Sump or Bottom Cap (YES
Type/Length: 0.3' Sch 40 PVC
Backfill Plug (NO
Material: N/A
Placement Method: N/A
Set-up/Hydration Time: N/A
Total Water Volume During Construction
Introduced (Gal): 50
Recovered (Gal): 50
Reviewed
By: Dalton Kegley Date: 4/21/2025

Comments
Pellets to 73.9', chips to 31.5'
Depth to water 26.74' below top of casing
Sealant used: 0.75 cubic ft pellets, 10.6 cubic ft chips

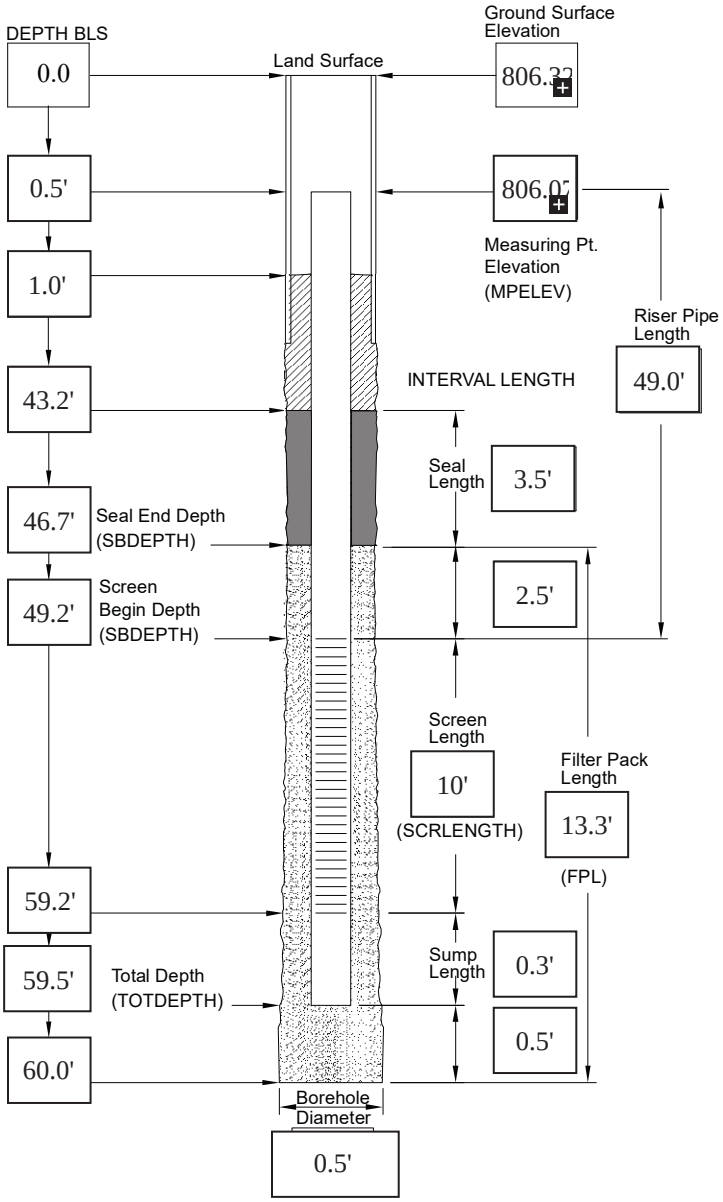
Project # GW11293

FORM C
Fieldbook _____

WELL CONSTRUCTION LOG
STANDARD FLUSH MOUNT

Well I.D. (LOCID): WGWC-38S
Drilling Company: Thompson Engineering
Drillers: R. Odom
Geologist/Engineer: G. Kouvatsis
Signature: Giannis Kouvatsis Digitally signed by Giannis Kouvatsis Date: 2025.04.21 13:38:47 -05'00'

Site: Plant Wansley
Installation Method: Mud rotary
Casing Installation Date (INSDATE): 2/2/25
Well Type (WTCCODE): Monitoring well
Well Completion Method (WCMCODE): Flush mount
Geologic Completion Zone (GZCODE): Fill material



Well Completion
Guard Posts NO Date: 3/21/25
Surface Pad Size: 4 ft x 4 ft
Protective Casing or Cover
Diameter/Type: 12" manhole
Depth BGS: 1' Weep Hole NO
Grout
Composition/Proportions:
1:4 Aquaguard to Quikrete mix - 20 gallons
Placement Method: Tremie pipe

Seal Date: 2/2/25
Type: Coated bentonite pellets 3/8"
Source: 5 gal bucket PelPlug
Set-up/Hydration Time: Overnight
Placement Method: Gravity
Vol. Fluid Added: N/A
Filter Pack
Type: 20/40 Silica sand - Consolidate aggregates
Source: Southern Products & Silica Co
Amount Used: 2 cubic ft (4 50-lbs bags)
Placement Method: Gravity pour
Well Riser Pipe
Casing Material (CMACODE): Sch 40 PVC
Casing Inside Diameters (CASDIAM): 2 in.
Screen
Material: SCV 40 PVC
Inside Diameter (SCRDIAM): 2 in.
Screen Slot Size: (SOUA): 0.010 in.
Percent Open Area (PCTOPEN): _____
Sump or Bottom Cap (YES
Type/Length: 0.3' Sch 40 PVC
Backfill Plug (NO
Material: N/A
Placement Method: N/A
Set-up/Hydration Time: N/A
Total Water Volume During Construction
Introduced (Gal): 50
Recovered (Gal): 50
Reviewed
By: Dalton Kegley Date: 4/21/2025

Comments
Depth to water 25.41' below top of casing
Sealant used: 0.88 cubic ft

APPENDIX C

Well Development and Equipment Calibration Forms

Low-Flow Test Report:

Test Date / Time: 3/19/2025 2:56:18 PM
Project: Plant Wansley Ash Ponds Developments
Operator Name: D. Johnson

Location Name: WGWC-30 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 23.54 ft** **Total Depth: 33.54 ft** **Initial Depth to Water: 20.8 ft**	**Pump Type: Monsoon** **Tubing Type: Poly** **Pump Intake From TOC: 30 ft** **Estimated Total Volume Pumped: 40 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 1.07 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080297**

Test Notes:
Surge with surge block for 15 minutes. Purge and surge 22.5 gallons with reclaimer pump until water became visibly clear. Switched to monsoon pump for rest of development. Removed a combined 33 gallons from the well.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
3/19/2025 2:56 PM	00:00	5.71 pH	19.76 °C	36.33 µS/cm	6.50 mg/L	1,000.00 NTU	86.8 mV	21.80 ft	400.00 ml/min
3/19/2025 3:01 PM	05:00	5.71 pH	19.07 °C	37.33 µS/cm	6.48 mg/L	1,000.00 NTU	97.5 mV	21.87 ft	400.00 ml/min
3/19/2025 3:06 PM	10:00	5.72 pH	19.05 °C	40.19 µS/cm	6.35 mg/L	877.00 NTU	72.2 mV	21.87 ft	400.00 ml/min
3/19/2025 3:11 PM	15:00	5.71 pH	19.14 °C	39.14 µS/cm	6.31 mg/L	355.00 NTU	69.0 mV	21.87 ft	400.00 ml/min
3/19/2025 3:16 PM	20:00	5.70 pH	18.95 °C	38.64 µS/cm	6.30 mg/L	129.00 NTU	67.5 mV	21.87 ft	400.00 ml/min
3/19/2025 3:21 PM	25:00	5.68 pH	19.33 °C	38.15 µS/cm	6.24 mg/L	98.90 NTU	65.2 mV	21.87 ft	400.00 ml/min
3/19/2025 3:26 PM	30:00	5.67 pH	19.67 °C	36.66 µS/cm	6.37 mg/L	77.20 NTU	67.7 mV	21.87 ft	400.00 ml/min
3/19/2025 3:31 PM	35:00	5.65 pH	19.79 °C	36.49 µS/cm	6.34 mg/L	54.30 NTU	68.3 mV	21.87 ft	400.00 ml/min
3/19/2025 3:36 PM	40:00	5.65 pH	19.67 °C	35.92 µS/cm	6.34 mg/L	38.10 NTU	68.2 mV	21.87 ft	400.00 ml/min
3/19/2025 3:41 PM	45:00	5.65 pH	19.76 °C	35.33 µS/cm	6.27 mg/L	33.60 NTU	67.9 mV	21.87 ft	400.00 ml/min
3/19/2025 3:46 PM	50:00	5.62 pH	19.69 °C	34.43 µS/cm	6.35 mg/L	58.90 NTU	69.1 mV	21.87 ft	400.00 ml/min
3/19/2025 3:51 PM	55:00	5.63 pH	19.53 °C	35.37 µS/cm	6.29 mg/L	36.70 NTU	68.5 mV	21.87 ft	400.00 ml/min
3/19/2025 3:56 PM	01:00:00	5.63 pH	19.26 °C	35.50 µS/cm	6.30 mg/L	27.80 NTU	68.2 mV	21.87 ft	400.00 ml/min
3/19/2025 4:01 PM	01:05:00	5.62 pH	19.31 °C	35.10 µS/cm	6.28 mg/L	22.60 NTU	68.2 mV	21.87 ft	400.00 ml/min
3/19/2025 4:06 PM	01:10:00	5.63 pH	19.31 °C	34.77 µS/cm	6.29 mg/L	18.30 NTU	69.9 mV	21.87 ft	400.00 ml/min

3/19/2025 4:11 PM	01:15:00	5.62 pH	19.48 °C	34.47 µS/cm	6.29 mg/L	16.10 NTU	68.4 mV	21.87 ft	400.00 ml/min
3/19/2025 4:16 PM	01:20:00	5.61 pH	19.40 °C	33.84 µS/cm	6.31 mg/L	12.80 NTU	68.5 mV	21.87 ft	400.00 ml/min
3/19/2025 4:21 PM	01:25:00	5.61 pH	19.19 °C	33.81 µS/cm	6.36 mg/L	10.40 NTU	68.4 mV	21.87 ft	400.00 ml/min
3/19/2025 4:26 PM	01:30:00	5.61 pH	19.23 °C	33.59 µS/cm	6.38 mg/L	7.93 NTU	68.6 mV	21.87 ft	400.00 ml/min
3/19/2025 4:31 PM	01:35:00	5.60 pH	19.17 °C	33.45 µS/cm	6.33 mg/L	5.17 NTU	68.6 mV	21.87 ft	400.00 ml/min
3/19/2025 4:36 PM	01:40:00	5.59 pH	19.09 °C	33.05 µS/cm	6.37 mg/L	4.94 NTU	70.1 mV	21.87 ft	400.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/18/2025 3:04:04 PM
Project: Plant Wansley Ash Ponds Developments
Operator Name: D. Johnson

Location Name: WGWC-31S **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 32.58 ft** **Total Depth: 42.58 ft** **Initial Depth to Water: 27.76 ft**	**Pump Type: Reclaimer** **Tubing Type: Poly** **Pump Intake From TOC: 40 ft** **Estimated Total Volume Pumped: 21 liters** **Flow Cell Volume: 90 ml** **Final Flow Rate: 300 ml/min** **Final Draw Down: 1.5 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080297**

Test Notes:
iPad dying. Switch. Log 1/2

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
3/18/2025 3:04 PM	00:00	5.61 pH	23.82 °C	67.19 µS/cm	5.17 mg/L	98.10 NTU	107.4 mV	29.20 ft	300.00 ml/min
3/18/2025 3:09 PM	05:00	5.56 pH	24.77 °C	66.42 µS/cm	4.30 mg/L	46.70 NTU	131.1 mV	29.24 ft	300.00 ml/min
3/18/2025 3:14 PM	10:00	5.55 pH	26.18 °C	66.62 µS/cm	4.20 mg/L	41.00 NTU	131.7 mV	29.50 ft	300.00 ml/min
3/18/2025 3:19 PM	15:00	5.57 pH	25.95 °C	66.80 µS/cm	4.10 mg/L	40.60 NTU	128.9 mV	29.26 ft	300.00 ml/min
3/18/2025 3:24 PM	20:00	5.56 pH	24.86 °C	65.09 µS/cm	4.19 mg/L	32.40 NTU	129.1 mV	29.26 ft	300.00 ml/min
3/18/2025 3:29 PM	25:00	5.57 pH	24.33 °C	65.51 µS/cm	4.13 mg/L	50.00 NTU	125.8 mV	29.26 ft	300.00 ml/min
3/18/2025 3:34 PM	30:00	5.58 pH	24.45 °C	66.61 µS/cm	3.98 mg/L	51.40 NTU	121.9 mV	29.26 ft	300.00 ml/min
3/18/2025 3:39 PM	35:00	5.58 pH	25.27 °C	67.51 µS/cm	3.92 mg/L	40.30 NTU	121.0 mV	29.26 ft	300.00 ml/min
3/18/2025 3:44 PM	40:00	5.57 pH	25.29 °C	67.45 µS/cm	3.89 mg/L	40.10 NTU	121.0 mV	29.26 ft	300.00 ml/min
3/18/2025 3:49 PM	45:00	5.60 pH	25.00 °C	69.63 µS/cm	3.68 mg/L	65.70 NTU	116.1 mV	29.26 ft	300.00 ml/min
3/18/2025 3:54 PM	50:00	5.59 pH	25.25 °C	68.39 µS/cm	4.02 mg/L	64.90 NTU	118.0 mV	29.26 ft	300.00 ml/min
3/18/2025 3:59 PM	55:00	5.58 pH	25.97 °C	67.80 µS/cm	3.98 mg/L	42.00 NTU	92.8 mV	29.26 ft	300.00 ml/min
3/18/2025 4:04 PM	01:00:00	5.57 pH	26.51 °C	67.89 µS/cm	4.02 mg/L	32.30 NTU	117.9 mV	29.26 ft	300.00 ml/min
3/18/2025 4:09 PM	01:05:00	5.58 pH	26.64 °C	68.29 µS/cm	3.95 mg/L	35.70 NTU	93.0 mV	29.26 ft	300.00 ml/min
3/18/2025 4:14 PM	01:10:00	5.62 pH	26.82 °C	71.25 µS/cm	3.62 mg/L	53.30 NTU	88.5 mV	29.26 ft	300.00 ml/min

Low-Flow Test Report:

Test Date / Time: 3/18/2025 4:38:03 PM
Project: Plant Wansley Developments
Operator Name: D. Johnson

Location Name: WGWC-31S **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 32.58 ft** **Total Depth: 42.58 ft** **Initial Depth to Water: 29.4 ft**	**Pump Type: Monsoon** **Tubing Type: Poly** **Pump Intake From TOC: 40 ft** **Estimated Total Volume Pumped: 17.5 liters** **Flow Cell Volume: 90 ml** **Final Flow Rate: 350 ml/min** **Final Draw Down: 0.56 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080297**

Test Notes:
Log 2 of 3

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
3/18/2025 4:38 PM	00:00	5.69 pH	21.29 °C	71.83 µS/cm	3.52 mg/L	552.00 NTU	88.0 mV	29.40 ft	350.00 ml/min
3/18/2025 4:43 PM	05:00	5.68 pH	20.34 °C	69.60 µS/cm	3.59 mg/L	488.00 NTU	90.4 mV	29.82 ft	350.00 ml/min
3/18/2025 4:48 PM	10:00	5.64 pH	20.36 °C	67.77 µS/cm	3.93 mg/L	349.00 NTU	93.2 mV	29.89 ft	350.00 ml/min
3/18/2025 4:53 PM	15:00	5.63 pH	20.39 °C	65.15 µS/cm	3.96 mg/L	95.80 NTU	92.1 mV	29.92 ft	350.00 ml/min
3/18/2025 4:58 PM	20:00	5.63 pH	20.20 °C	65.52 µS/cm	4.03 mg/L	68.70 NTU	91.3 mV	29.94 ft	350.00 ml/min
3/18/2025 5:03 PM	25:00	5.61 pH	20.38 °C	64.93 µS/cm	4.10 mg/L	50.30 NTU	90.8 mV	29.96 ft	350.00 ml/min
3/18/2025 5:08 PM	30:00	5.62 pH	20.38 °C	64.81 µS/cm	4.10 mg/L	32.60 NTU	90.2 mV	29.96 ft	350.00 ml/min
3/18/2025 5:13 PM	35:00	5.61 pH	20.23 °C	65.03 µS/cm	4.13 mg/L	21.20 NTU	90.0 mV	29.96 ft	350.00 ml/min
3/18/2025 5:18 PM	40:00	5.62 pH	20.34 °C	65.25 µS/cm	4.05 mg/L	18.00 NTU	89.3 mV	29.96 ft	350.00 ml/min
3/18/2025 5:23 PM	45:00	5.62 pH	20.41 °C	65.53 µS/cm	4.00 mg/L	14.00 NTU	113.4 mV	29.96 ft	350.00 ml/min
3/18/2025 5:28 PM	50:00	5.62 pH	20.07 °C	66.25 µS/cm	3.97 mg/L	19.20 NTU	114.6 mV	29.96 ft	350.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 3/19/2025 8:41:33 AM
Project: Plant Wansley Ash Ponds Developments
Operator Name: D. Johnson

Location Name: WGWC-31S **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 32.58 ft** **Total Depth: 42.58 ft** **Initial Depth to Water: 27.86 ft**	**Pump Type: Monsoon** **Tubing Type: Poly** **Pump Intake From TOC: 39 ft** **Estimated Total Volume Pumped: 9 liters** **Flow Cell Volume: 90 ml** **Final Flow Rate: 300 ml/min** **Final Draw Down: 8.28 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080297**

Test Notes:
Log 3/3. Surged with surge block for 15 minutes then switched to reclaimer and purged until water became visibly clear. Switched to monsoon pump for remainder of development. Removed 42.5 combined gallons from well.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
3/19/2025 8:41 AM	00:00	8.17 pH	9.15 °C	99.00 µS/cm	10.12 mg/L	78.90 NTU	199.3 mV	27.86 ft	300.00 ml/min
3/19/2025 8:46 AM	05:00	5.73 pH	16.00 °C	71.89 µS/cm	2.89 mg/L	41.80 NTU	111.4 mV	28.11 ft	300.00 ml/min
3/19/2025 8:51 AM	10:00	5.69 pH	16.35 °C	68.66 µS/cm	2.91 mg/L	20.70 NTU	109.5 mV	28.43 ft	300.00 ml/min
3/19/2025 8:56 AM	15:00	5.66 pH	16.89 °C	66.51 µS/cm	3.17 mg/L	13.30 NTU	107.3 mV	28.52 ft	300.00 ml/min
3/19/2025 9:01 AM	20:00	5.64 pH	16.89 °C	63.99 µS/cm	3.47 mg/L	10.30 NTU	104.0 mV	28.54 ft	300.00 ml/min
3/19/2025 9:06 AM	25:00	5.61 pH	17.13 °C	62.53 µS/cm	3.74 mg/L	5.93 NTU	101.5 mV	28.55 ft	300.00 ml/min
3/19/2025 9:11 AM	30:00	5.60 pH	17.17 °C	61.80 µS/cm	3.80 mg/L	4.76 NTU	98.8 mV	28.55 ft	300.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 4/29/2025 3:27:10 PM
Project: Plant Wansley Ash Pond Development
Operator Name: D. Johnson

Location Name: WGWC-31D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 80.32 ft** **Total Depth: 90.32 ft** **Initial Depth to Water: 72.02 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 87 ft** **Estimated Total Volume Pumped: 8500 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 175 ml/min** **Final Draw Down: 10.96 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183949**

Test Notes:
Well going dry. Site closing. Return 4-30-25

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	
4/29/2025 3:27 PM	00:00	7.79 pH	30.53 °C	435.86 µS/cm	0.02 mg/L	1,000.00 NTU	-193.5 mV	72.02 ft	100.00 ml/min
4/29/2025 3:32 PM	05:00	7.87 pH	30.68 °C	422.20 µS/cm	0.00 mg/L	1,000.00 NTU	-224.1 mV	73.05 ft	100.00 ml/min
4/29/2025 3:37 PM	10:00	7.95 pH	28.38 °C	381.65 µS/cm	0.00 mg/L	1,000.00 NTU	-216.9 mV	73.86 ft	100.00 ml/min
4/29/2025 3:42 PM	15:00	7.98 pH	25.72 °C	358.77 µS/cm	0.01 mg/L	1,000.00 NTU	-219.1 mV	74.10 ft	100.00 ml/min
4/29/2025 3:47 PM	20:00	7.95 pH	21.70 °C	334.79 µS/cm	0.21 mg/L	1,000.00 NTU	-193.6 mV	74.89 ft	100.00 ml/min
4/29/2025 3:52 PM	25:00	7.98 pH	21.32 °C	327.22 µS/cm	0.18 mg/L	1,000.00 NTU	-189.4 mV	75.34 ft	100.00 ml/min
4/29/2025 3:57 PM	30:00	7.96 pH	21.59 °C	327.10 µS/cm	0.31 mg/L	1,000.00 NTU	-176.9 mV	76.40 ft	100.00 ml/min
4/29/2025 4:02 PM	35:00	7.97 pH	21.51 °C	326.60 µS/cm	0.33 mg/L	1,000.00 NTU	-172.9 mV	77.02 ft	100.00 ml/min
4/29/2025 4:07 PM	40:00	8.00 pH	21.21 °C	319.09 µS/cm	0.22 mg/L	1,000.00 NTU	-173.2 mV	77.71 ft	100.00 ml/min
4/29/2025 4:12 PM	45:00	7.98 pH	21.65 °C	320.87 µS/cm	0.20 mg/L	1,000.00 NTU	-183.8 mV	78.52 ft	100.00 ml/min
4/29/2025 4:17 PM	50:00	8.03 pH	21.33 °C	314.56 µS/cm	0.21 mg/L	706.00 NTU	-172.9 mV	79.44 ft	175.00 ml/min
4/29/2025 4:22 PM	55:00	8.02 pH	21.97 °C	314.61 µS/cm	0.22 mg/L	551.00 NTU	-163.7 mV	80.08 ft	175.00 ml/min
4/29/2025 4:27 PM	01:00:00	8.04 pH	21.21 °C	312.34 µS/cm	0.28 mg/L	412.00 NTU	-156.2 mV	81.77 ft	175.00 ml/min
4/29/2025 4:32 PM	01:05:00	8.07 pH	21.14 °C	309.49 µS/cm	0.40 mg/L	302.00 NTU	-148.9 mV	82.27 ft	175.00 ml/min
4/29/2025 4:37 PM	01:10:00	8.05 pH	22.23 °C	309.86 µS/cm	0.51 mg/L	302.00 NTU	-138.8 mV	82.98 ft	175.00 ml/min

Low-Flow Test Report:

Test Date / Time: 4/30/2025 9:56:24 AM
Project: Plant Wansley Ash Pond Development
Operator Name: D. Johnson

Location Name: WGWC-31D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 80.32 ft** **Total Depth: 90.32 ft** **Initial Depth to Water: 81.78 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 88 ft** **Estimated Total Volume Pumped: 9750 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 7.34 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183949**

Test Notes:
Well dry. Return 5-1-25

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	
4/30/2025 9:56 AM	00:00	7.86 pH	21.28 °C	336.08 µS/cm	5.54 mg/L	237.00 NTU	189.7 mV	81.78 ft	100.00 ml/min
4/30/2025 10:01 AM	05:00	7.94 pH	20.29 °C	338.65 µS/cm	0.91 mg/L	93.00 NTU	187.4 mV	83.02 ft	100.00 ml/min
4/30/2025 10:06 AM	10:00	7.95 pH	19.78 °C	335.67 µS/cm	0.33 mg/L	82.80 NTU	187.4 mV	83.37 ft	100.00 ml/min
4/30/2025 10:11 AM	15:00	7.94 pH	19.52 °C	331.30 µS/cm	0.26 mg/L	75.70 NTU	181.9 mV	83.42 ft	100.00 ml/min
4/30/2025 10:16 AM	20:00	7.93 pH	19.11 °C	329.87 µS/cm	0.22 mg/L	73.50 NTU	176.8 mV	83.42 ft	100.00 ml/min
4/30/2025 10:21 AM	25:00	7.94 pH	19.14 °C	341.46 µS/cm	0.19 mg/L	90.70 NTU	12.8 mV	83.82 ft	100.00 ml/min
4/30/2025 10:26 AM	30:00	7.92 pH	18.84 °C	300.70 µS/cm	0.15 mg/L	87.90 NTU	126.7 mV	84.11 ft	100.00 ml/min
4/30/2025 10:31 AM	35:00	7.85 pH	19.05 °C	286.76 µS/cm	0.20 mg/L	97.00 NTU	143.1 mV	84.47 ft	100.00 ml/min
4/30/2025 10:36 AM	40:00	7.78 pH	19.17 °C	291.54 µS/cm	0.21 mg/L	226.00 NTU	70.0 mV	84.79 ft	100.00 ml/min
4/30/2025 10:41 AM	45:00	7.66 pH	18.84 °C	312.07 µS/cm	0.16 mg/L	849.00 NTU	-109.2 mV	85.41 ft	100.00 ml/min
4/30/2025 10:46 AM	50:00	7.55 pH	19.61 °C	332.23 µS/cm	0.12 mg/L	873.00 NTU	-143.2 mV	85.89 ft	100.00 ml/min
4/30/2025 10:51 AM	55:00	7.50 pH	19.14 °C	349.99 µS/cm	0.10 mg/L	999.00 NTU	-155.4 mV	86.27 ft	100.00 ml/min
4/30/2025 10:56 AM	01:00:00	7.49 pH	19.06 °C	360.67 µS/cm	0.10 mg/L	1,000.00 NTU	-162.9 mV	86.78 ft	150.00 ml/min
4/30/2025 11:01 AM	01:05:00	7.49 pH	19.31 °C	370.04 µS/cm	0.07 mg/L	1,000.00 NTU	-168.9 mV	87.21 ft	150.00 ml/min
4/30/2025 11:06 AM	01:10:00	7.50 pH	19.77 °C	378.71 µS/cm	0.05 mg/L	1,000.00 NTU	-176.5 mV	87.75 ft	150.00 ml/min

4/30/2025 11:11 AM	01:15:00	7.52 pH	19.88 °C	383.86 µS/cm	0.06 mg/L	1,000.00 NTU	-183.5 mV	88.27 ft	150.00 ml/min
4/30/2025 11:16 AM	01:20:00	7.54 pH	20.00 °C	390.98 µS/cm	0.06 mg/L	1,000.00 NTU	-186.8 mV	88.65 ft	150.00 ml/min
4/30/2025 11:21 AM	01:25:00	7.55 pH	20.16 °C	397.12 µS/cm	0.05 mg/L	1,000.00 NTU	-185.1 mV	89.12 ft	150.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 5/7/2025 1:23:44 PM
Project: Plant Wansley AshPonds
Operator Name: J. Berisford

Location Name: WGWC-31D **Latitude: 33.50106947084931** **Longitude: -85.08157249897373** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 80 ft** **Total Depth: 90.34 ft** **Initial Depth to Water: 86.82 ft**	**Pump Type: Bailer** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Flow Cell Volume: 130 ml** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Bailed well dry

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.5
5/7/2025 1:23 PM	00:00	8.01 pH	22.56 °C	321.72 µS/cm	1.36 mg/L	1,000.00 NTU	-104.7 mV	86.82 ft
5/7/2025 1:24 PM	01:00	8.02 pH	22.88 °C	323.05 µS/cm	0.94 mg/L	1,000.00 NTU	-109.5 mV	86.82 ft

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 5/8/2025 9:42:44 AM
Project: Plant Wansley AshPonds
Operator Name: J. Berisford

Location Name: WGWC-31D **Latitude: 33.50106947084931** **Longitude: -85.08157249897373** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 80 ft** **Total Depth: 90.34 ft** **Initial Depth to Water: 89.57 ft**	**Pump Type: Bailer** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Flow Cell Volume: 130 ml** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.5
5/8/2025 9:42 AM	00:00	8.08 pH	19.87 °C	327.23 µS/cm	3.55 mg/L	31.00 NTU	187.9 mV	89.57 ft

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/17/2025 3:25:11 PM
Project: Plant Wansley Ash Ponds Developments
Operator Name: D. Johnson

Location Name: WGWC-32 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 24.41 ft** **Total Depth: 34.41 ft** **Initial Depth to Water: 18.3 ft**	**Pump Type: Reclaimer** **Tubing Type: Poly** **Pump Intake From TOC: 33.41 ft** **Estimated Total Volume Pumped: 44 liters** **Flow Cell Volume: 90 ml** **Final Flow Rate: 500 ml/min** **Final Draw Down: 0.02 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080297**

Test Notes:
Surge with surge block for 15 minutes, switched to reclaimer. End 1650. Site closing. Return 3-18-2025.
Log1/2

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
3/17/2025 3:25 PM	00:00	5.35 pH	18.33 °C	152.03 µS/cm	3.21 mg/L	48.10 NTU	98.4 mV	18.30 ft	500.00 ml/min
3/17/2025 3:30 PM	05:00	5.35 pH	18.42 °C	150.51 µS/cm	3.15 mg/L	35.40 NTU	87.6 mV	18.32 ft	500.00 ml/min
3/17/2025 3:35 PM	10:00	5.36 pH	18.18 °C	149.69 µS/cm	3.20 mg/L	32.60 NTU	83.2 mV	18.32 ft	600.00 ml/min
3/17/2025 3:40 PM	15:00	5.34 pH	18.09 °C	148.97 µS/cm	3.20 mg/L	46.80 NTU	81.6 mV	18.32 ft	600.00 ml/min
3/17/2025 3:45 PM	20:00	5.34 pH	17.92 °C	149.80 µS/cm	3.20 mg/L	49.20 NTU	79.2 mV	18.32 ft	600.00 ml/min
3/17/2025 3:50 PM	25:00	5.35 pH	17.98 °C	149.82 µS/cm	3.31 mg/L	32.20 NTU	78.1 mV	18.32 ft	500.00 ml/min
3/17/2025 3:55 PM	30:00	5.34 pH	17.76 °C	148.73 µS/cm	3.22 mg/L	20.30 NTU	77.3 mV	18.32 ft	500.00 ml/min
3/17/2025 4:00 PM	35:00	5.35 pH	17.73 °C	149.37 µS/cm	3.17 mg/L	16.00 NTU	76.1 mV	18.32 ft	500.00 ml/min
3/17/2025 4:05 PM	40:00	5.34 pH	17.68 °C	148.45 µS/cm	3.14 mg/L	13.70 NTU	75.9 mV	18.32 ft	500.00 ml/min
3/17/2025 4:10 PM	45:00	5.34 pH	17.66 °C	148.40 µS/cm	3.15 mg/L	12.50 NTU	75.7 mV	18.32 ft	500.00 ml/min
3/17/2025 4:15 PM	50:00	5.35 pH	17.55 °C	148.71 µS/cm	3.19 mg/L	11.70 NTU	74.9 mV	18.32 ft	500.00 ml/min
3/17/2025 4:20 PM	55:00	5.35 pH	17.62 °C	148.61 µS/cm	3.14 mg/L	11.50 NTU	74.5 mV	18.32 ft	500.00 ml/min
3/17/2025 4:25 PM	01:00:00	5.35 pH	17.64 °C	147.71 µS/cm	3.16 mg/L	11.70 NTU	74.8 mV	18.32 ft	500.00 ml/min
3/17/2025 4:30 PM	01:05:00	5.32 pH	17.62 °C	145.17 µS/cm	3.22 mg/L	16.70 NTU	75.5 mV	18.32 ft	500.00 ml/min
3/17/2025 4:35 PM	01:10:00	5.31 pH	17.53 °C	144.99 µS/cm	3.19 mg/L	12.80 NTU	75.7 mV	18.32 ft	500.00 ml/min

3/17/2025 4:40 PM	01:15:00	5.31 pH	17.37 °C	144.48 µS/cm	3.17 mg/L	10.90 NTU	75.2 mV	18.32 ft	500.00 ml/min
3/17/2025 4:45 PM	01:20:00	5.30 pH	17.52 °C	144.76 µS/cm	3.18 mg/L	8.70 NTU	75.2 mV	18.32 ft	500.00 ml/min
3/17/2025 4:50 PM	01:25:00	5.31 pH	17.73 °C	144.38 µS/cm	3.23 mg/L	20.60 NTU	75.3 mV	18.32 ft	500.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/18/2025 8:43:47 AM
Project: Plant Wansley Ash Ponds Developments
Operator Name: D. Johnson

Location Name: WGWC-32 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 24.41 ft** **Total Depth: 34.41 ft** **Initial Depth to Water: 16.55 ft**	**Pump Type: Reclaimer** **Tubing Type: Poly** **Pump Intake From TOC: 33.41 ft** **Estimated Total Volume Pumped: 15 liters** **Flow Cell Volume: 90 ml** **Final Flow Rate: 500 ml/min** **Final Draw Down: 14.52 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080297**

Test Notes:
Surged with surge block for 15 minutes then switched to reclaimer.
Log 2/2.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
3/18/2025 8:43 AM	00:00	7.15 pH	5.38 °C	128.57 µS/cm	8.27 mg/L	16.10 NTU	72.3 mV	16.55 ft	500.00 ml/min
3/18/2025 8:48 AM	05:00	5.30 pH	10.44 °C	133.03 µS/cm	4.19 mg/L	10.20 NTU	87.3 mV	17.58 ft	500.00 ml/min
3/18/2025 8:53 AM	10:00	5.25 pH	13.91 °C	125.55 µS/cm	3.52 mg/L	7.39 NTU	95.2 mV	17.72 ft	500.00 ml/min
3/18/2025 8:58 AM	15:00	5.24 pH	14.22 °C	125.37 µS/cm	3.32 mg/L	5.13 NTU	95.9 mV	17.75 ft	500.00 ml/min
3/18/2025 9:03 AM	20:00	5.25 pH	13.66 °C	126.68 µS/cm	3.32 mg/L	4.60 NTU	94.6 mV	17.76 ft	500.00 ml/min
3/18/2025 9:08 AM	25:00	5.25 pH	13.94 °C	127.93 µS/cm	3.37 mg/L	3.18 NTU	95.0 mV	17.76 ft	500.00 ml/min
3/18/2025 9:13 AM	30:00	5.24 pH	14.21 °C	129.00 µS/cm	3.23 mg/L	2.61 NTU	93.9 mV	17.76 ft	500.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/18/2025 3:37:12 PM
Project: Plant Wansley Ash Pond
Operator Name: Taylor Goble

Location Name: WGWC-33 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 27.71 ft** **Total Depth: 37.71 ft** **Initial Depth to Water: 19.69 ft**	**Pump Type: Monsoon Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 35 ft** **Estimated Total Volume Pumped: 41.25 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 750 ml/min** **Final Draw Down: 4.91ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080302**

Test Notes:
Purged an additional 10 gallons with a reclaimer pump before log started. Removed 21 combined gallons from well.

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	
3/18/2025 3:37 PM	00:00	5.10 pH	20.12 °C	748.18 µS/cm	0.92 mg/L	41.10 NTU	109.3 mV	24.15 ft	750.00 ml/min
3/18/2025 3:42 PM	05:00	5.09 pH	20.11 °C	731.43 µS/cm	0.91 mg/L	28.50 NTU	111.8 mV	24.27 ft	750.00 ml/min
3/18/2025 3:47 PM	10:00	5.08 pH	20.15 °C	729.93 µS/cm	0.94 mg/L	19.70 NTU	110.5 mV	24.33 ft	750.00 ml/min
3/18/2025 3:52 PM	15:00	5.09 pH	20.06 °C	728.36 µS/cm	0.99 mg/L	14.60 NTU	108.4 mV	24.36 ft	750.00 ml/min
3/18/2025 3:57 PM	20:00	5.07 pH	20.04 °C	729.10 µS/cm	0.98 mg/L	12.40 NTU	108.2 mV	24.38 ft	750.00 ml/min
3/18/2025 4:02 PM	25:00	5.07 pH	20.05 °C	725.45 µS/cm	1.02 mg/L	9.98 NTU	105.4 mV	24.41 ft	750.00 ml/min
3/18/2025 4:07 PM	30:00	5.07 pH	20.03 °C	725.78 µS/cm	1.04 mg/L	8.78 NTU	104.9 mV	24.44 ft	750.00 ml/min
3/18/2025 4:12 PM	35:00	5.06 pH	20.02 °C	723.18 µS/cm	1.05 mg/L	7.21 NTU	103.2 mV	24.47 ft	750.00 ml/min
3/18/2025 4:17 PM	40:00	5.05 pH	20.04 °C	719.93 µS/cm	1.05 mg/L	6.23 NTU	104.3 mV	24.51 ft	750.00 ml/min
3/18/2025 4:22 PM	45:00	5.07 pH	20.04 °C	723.92 µS/cm	1.09 mg/L	5.75 NTU	105.0 mV	24.55 ft	750.00 ml/min
3/18/2025 4:27 PM	50:00	5.05 pH	20.02 °C	722.26 µS/cm	1.08 mg/L	5.37 NTU	103.7 mV	24.58 ft	750.00 ml/min
3/18/2025 4:32 PM	55:00	5.04 pH	20.07 °C	716.85 µS/cm	1.10 mg/L	4.82 NTU	103.8 mV	24.60 ft	750.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 3/25/2025 10:07:14 AM
Project: Plant Wansley
Operator Name: Dalton Kegley

Location Name: WGWC-34D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 83.75 ft** **Total Depth: 94 ft** **Initial Depth to Water: 28.91 ft**	**Pump Type: Monsoon** **Tubing Type: Polyethylene** **Pump Intake From TOC: 87 m** **Estimated Total Volume Pumped: 9979.167 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes: Before commencing low flow testing pumped 48000 ml.

Weather Conditions:
Sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 20	+/- 5	
3/25/2025 10:07 AM	00:00	5.80 pH	17.49 °C	1,812.7 µS/cm	0.68 mg/L	28.60 NTU	154.8 mV	32.91 ft	250.00 ml/min
3/25/2025 10:12 AM	05:00	5.82 pH	17.76 °C	1,795.4 µS/cm	0.63 mg/L	17.90 NTU	125.9 mV	32.93 ft	250.00 ml/min
3/25/2025 10:17 AM	10:00	5.80 pH	18.09 °C	1,795.3 µS/cm	0.50 mg/L	18.90 NTU	146.8 mV	32.86 ft	250.00 ml/min
3/25/2025 10:22 AM	14:55	5.78 pH	17.99 °C	1,808.0 µS/cm	0.42 mg/L	13.90 NTU	157.0 mV	32.63 ft	250.00 ml/min
3/25/2025 10:27 AM	19:55	5.75 pH	18.26 °C	1,794.4 µS/cm	0.39 mg/L	14.70 NTU	129.9 mV	32.71 ft	250.00 ml/min
3/25/2025 10:32 AM	24:55	5.74 pH	18.37 °C	1,807.0 µS/cm	0.42 mg/L	10.20 NTU	133.9 mV	32.52 ft	250.00 ml/min
3/25/2025 10:37 AM	29:55	5.74 pH	18.62 °C	1,771.5 µS/cm	0.43 mg/L	7.21 NTU	173.7 mV	32.61 ft	250.00 ml/min
3/25/2025 10:42 AM	34:55	5.73 pH	18.95 °C	1,764.1 µS/cm	0.44 mg/L	3.28 NTU	188.3 mV	32.75 ft	250.00 ml/min
3/25/2025 10:47 AM	39:55	5.73 pH	19.01 °C	1,802.5 µS/cm	0.45 mg/L	3.05 NTU	150.3 mV	32.80 ft	250.00 ml/min

Samples

Sample ID: N/A	Description: N/A

Low-Flow Test Report:

Test Date / Time: 3/27/2025 2:41:05 PM
Project: Plant Wansley (6)
Operator Name: Giannis Kouvatsis

Location Name: WGWC-34S **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 39.75 ft** **Total Depth: 50 ft** **Initial Depth to Water: 28.12 ft**	**Pump Type: Monsoon** **Tubing Type: Polyethylene** **Pump Intake From TOC: 45 ft** **Estimated Total Volume Pumped: 5000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 5 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes: Before commencing low flow testing pumped 9000 ml.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 20	+/- 5	
3/27/2025 2:41 PM	00:00	5.99 pH	24.42 °C	225.66 µS/cm	5.63 mg/L	17.90 NTU	124.2 mV	28.42 ft	250.00 ml/min
3/27/2025 2:46 PM	05:00	5.97 pH	24.18 °C	224.25 µS/cm	5.55 mg/L	13.50 NTU	204.1 mV	29.11 ft	250.00 ml/min
3/27/2025 2:51 PM	10:00	5.98 pH	24.82 °C	218.63 µS/cm	5.41 mg/L	7.34 NTU	220.9 mV	30.24 ft	250.00 ml/min
3/27/2025 2:56 PM	15:00	5.98 pH	25.05 °C	216.34 µS/cm	5.33 mg/L	5.76 NTU	211.8 mV	31.69 ft	250.00 ml/min
3/27/2025 3:01 PM	20:00	5.98 pH	25.60 °C	216.62 µS/cm	5.23 mg/L	4.86 NTU	202.6 mV	32.37 ft	250.00 ml/min

Samples

Sample ID: N/A	Description: N/A

Low-Flow Test Report:

Test Date / Time: 3/25/2025 4:19:52 PM
Project: Plant Wansley
Operator Name: Giannis Kouvatsis

Location Name: WGWC-35D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 109.75 ft** **Total Depth: 120 ft** **Initial Depth to Water: 28.73 ft**	**Pump Type: Monsoon** **Tubing Type: Polyethylene** **Pump Intake From TOC: 116 m** **Estimated Total Volume Pumped: 16000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes: Before commencing low flow testing pumped 42000 ml.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 20	+/- 5	
3/25/2025 4:19 PM	00:00	6.56 pH	22.90 °C	454.96 µS/cm	0.75 mg/L	38.40 NTU	140.0 mV	66.85 ft	250.00 ml/min
3/25/2025 4:24 PM	05:00	6.53 pH	22.75 °C	419.00 µS/cm	0.65 mg/L	24.40 NTU	224.5 mV	66.03 ft	250.00 ml/min
3/25/2025 4:29 PM	10:00	6.49 pH	22.53 °C	385.06 µS/cm	0.58 mg/L	16.90 NTU	165.7 mV	61.03 ft	250.00 ml/min
3/25/2025 4:34 PM	15:00	6.46 pH	21.88 °C	355.60 µS/cm	0.55 mg/L	11.00 NTU	183.9 mV	58.04 ft	250.00 ml/min
3/25/2025 4:39 PM	20:00	6.45 pH	21.81 °C	328.61 µS/cm	0.57 mg/L	7.34 NTU	168.8 mV	54.71 ft	250.00 ml/min
3/25/2025 4:44 PM	25:00	6.44 pH	21.05 °C	289.52 µS/cm	0.61 mg/L	4.71 NTU	132.8 mV	52.11 ft	250.00 ml/min
3/25/2025 4:49 PM	30:00	6.42 pH	21.55 °C	245.50 µS/cm	0.63 mg/L	2.96 NTU	122.9 mV	50.47 ft	250.00 ml/min
3/25/2025 4:54 PM	35:00	6.41 pH	21.46 °C	224.38 µS/cm	0.64 mg/L	2.78 NTU	120.3 mV	50.11 ft	250.00 ml/min
3/25/2025 4:59 PM	40:00	6.38 pH	21.55 °C	181.02 µS/cm	0.63 mg/L	2.81 NTU	119.7 mV	49.58 ft	250.00 ml/min
3/25/2025 5:04 PM	45:00	6.42 pH	21.46 °C	147.70 µS/cm	0.66 mg/L	2.55 NTU	117.6 mV	49.11 ft	250.00 ml/min
3/25/2025 5:09 PM	50:00	6.41 pH	21.64 °C	79.06 µS/cm	0.69 mg/L	3.75 NTU	33.7 mV	49.21 ft	250.00 ml/min
3/25/2025 5:14 PM	55:00	6.41 pH	21.81 °C	331.03 µS/cm	0.67 mg/L	4.85 NTU	114.7 mV	48.92 ft	250.00 ml/min
3/25/2025 5:18 PM	59:03	6.41 pH	21.64 °C	332.18 µS/cm	0.69 mg/L	3.81 NTU	108.9 mV	48.71 ft	250.00 ml/min
3/25/2025 5:23 PM	01:04:03	6.41 pH	21.63 °C	319.37 µS/cm	0.70 mg/L	4.55 NTU	113.4 mV	48.11 ft	250.00 ml/min

Low-Flow Test Report:

Test Date / Time: 3/26/2025 10:58:34 AM
Project: Plant Wansley
Operator Name: Giannis Kouvatsis

Location Name: WGWC-35S **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 49.75 ft** **Total Depth: 60 ft** **Initial Depth to Water: 28.73 ft**	**Pump Type: Monsoon** **Tubing Type: Polyethylene** **Pump Intake From TOC: 55 ft** **Estimated Total Volume Pumped: 10000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes: Before commencing low flow testing pumped 11000 ml.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 20	+/- 5	
3/26/2025 10:58 AM	00:00	6.68 pH	19.89 °C	885.96 µS/cm	2.12 mg/L	29.10 NTU	156.5 mV	57.12 ft	250.00 ml/min
3/26/2025 11:03 AM	05:00	6.68 pH	19.53 °C	881.94 µS/cm	2.12 mg/L	18.60 NTU	192.1 mV	57.17 ft	250.00 ml/min
3/26/2025 11:08 AM	10:00	6.67 pH	19.90 °C	873.37 µS/cm	2.06 mg/L	8.72 NTU	248.1 mV	57.21 ft	250.00 ml/min
3/26/2025 11:13 AM	15:00	6.67 pH	20.69 °C	863.13 µS/cm	2.01 mg/L	7.24 NTU	190.5 mV	57.15 ft	250.00 ml/min
3/26/2025 11:18 AM	20:00	6.67 pH	20.92 °C	853.32 µS/cm	1.95 mg/L	4.65 NTU	238.8 mV	57.21 ft	250.00 ml/min
3/26/2025 11:23 AM	25:00	6.67 pH	21.75 °C	850.19 µS/cm	1.87 mg/L	3.19 NTU	185.7 mV	57.18 ft	250.00 ml/min
3/26/2025 11:28 AM	30:00	6.67 pH	22.20 °C	845.53 µS/cm	1.81 mg/L	4.72 NTU	240.4 mV	57.15 ft	250.00 ml/min
3/26/2025 11:33 AM	35:00	6.66 pH	22.76 °C	840.46 µS/cm	1.74 mg/L	3.13 NTU	247.0 mV	57.11 ft	250.00 ml/min
3/26/2025 11:38 AM	40:00	6.66 pH	22.88 °C	837.77 µS/cm	1.69 mg/L	2.93 NTU	251.0 mV	57.09 ft	250.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 3/27/2025 1:00:34 PM
Project: Plant Wansley
Operator Name: Giannis Kouvatsis

Location Name: WGWC-36D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 115.75 ft** **Total Depth: 126 ft** **Initial Depth to Water: 28.72 ft**	**Pump Type: Monsoon** **Tubing Type: Polyethylene** **Pump Intake From TOC: 122 ft** **Estimated Total Volume Pumped: 8750 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes: Before commencing low flow testing pumped 72000 ml.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 20	+/- 5	
3/27/2025 1:00 PM	00:00	5.42 pH	19.73 °C	85.52 µS/cm	0.85 mg/L	63.90 NTU	119.2 mV	100.51 ft	250.00 ml/min
3/27/2025 1:05 PM	05:00	5.56 pH	18.80 °C	105.51 µS/cm	0.54 mg/L	20.50 NTU	90.1 mV	94.32 ft	250.00 ml/min
3/27/2025 1:10 PM	10:00	5.54 pH	19.35 °C	98.32 µS/cm	0.26 mg/L	13.70 NTU	68.9 mV	89.53 ft	250.00 ml/min
3/27/2025 1:15 PM	15:00	5.50 pH	19.33 °C	93.81 µS/cm	0.22 mg/L	5.73 NTU	55.8 mV	82.71 ft	250.00 ml/min
3/27/2025 1:20 PM	20:00	5.46 pH	19.33 °C	85.08 µS/cm	0.19 mg/L	3.50 NTU	55.4 mV	78.56 ft	250.00 ml/min
3/27/2025 1:25 PM	25:00	5.43 pH	19.35 °C	80.58 µS/cm	0.16 mg/L	2.03 NTU	54.0 mV	75.22 ft	250.00 ml/min
3/27/2025 1:30 PM	30:00	5.41 pH	19.31 °C	80.05 µS/cm	0.15 mg/L	1.29 NTU	57.1 mV	72.18 ft	250.00 ml/min
3/27/2025 1:35 PM	35:00	5.39 pH	19.65 °C	76.84 µS/cm	0.17 mg/L	1.42 NTU	66.6 mV	69.54 ft	250.00 ml/min

Samples

Sample ID: N/A	Description: N/A

Low-Flow Test Report:

Test Date / Time: 4/1/2025 2:25:51 PM
Project: Plant Wansley
Operator Name: Giannis Kouvatsis

Location Name: WGWC-36S **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 49.75 ft** **Total Depth: 60 ft** **Initial Depth to Water: 26.34 ft**	**Pump Type: Monsoon** **Tubing Type: Polyethylene** **Pump Intake From TOC: 55 ft** **Estimated Total Volume Pumped: 24000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0.81 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes: Before commencing low flow testing pumped 38000 ml.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 20	+/- 5	
4/1/2025 2:25 PM	00:00	6.66 pH	22.73 °C	720.25 µS/cm	0.38 mg/L	51.30 NTU	31.0 mV	42.01 ft	100.00 ml/min
4/1/2025 2:30 PM	05:00	6.66 pH	21.54 °C	718.13 µS/cm	0.38 mg/L	44.20 NTU	42.5 mV	42.31 ft	100.00 ml/min
4/1/2025 2:35 PM	10:00	6.66 pH	23.41 °C	715.28 µS/cm	0.39 mg/L	43.60 NTU	44.0 mV	42.48 ft	100.00 ml/min
4/1/2025 2:40 PM	14:29	6.66 pH	24.64 °C	705.36 µS/cm	0.37 mg/L	37.00 NTU	38.0 mV	42.54 ft	100.00 ml/min
4/1/2025 2:45 PM	19:29	6.65 pH	25.50 °C	703.68 µS/cm	0.34 mg/L	35.10 NTU	40.2 mV	42.47 ft	100.00 ml/min
4/1/2025 2:50 PM	24:29	6.65 pH	25.91 °C	696.92 µS/cm	0.32 mg/L	34.60 NTU	36.1 mV	42.48 ft	100.00 ml/min
4/1/2025 2:55 PM	29:29	6.65 pH	25.77 °C	689.37 µS/cm	0.31 mg/L	30.20 NTU	36.9 mV	42.45 ft	100.00 ml/min
4/1/2025 3:00 PM	34:29	6.65 pH	25.56 °C	685.55 µS/cm	0.31 mg/L	30.10 NTU	39.9 mV	42.51 ft	100.00 ml/min
4/1/2025 3:05 PM	39:29	6.66 pH	24.90 °C	680.12 µS/cm	0.32 mg/L	28.70 NTU	38.3 mV	42.48 ft	100.00 ml/min
4/1/2025 3:10 PM	44:29	6.66 pH	25.26 °C	679.73 µS/cm	0.31 mg/L	27.40 NTU	40.3 mV	42.54 ft	100.00 ml/min
4/1/2025 3:15 PM	49:29	6.65 pH	25.50 °C	677.22 µS/cm	0.30 mg/L	26.80 NTU	40.2 mV	42.46 ft	100.00 ml/min
4/1/2025 3:20 PM	54:29	6.65 pH	25.72 °C	673.44 µS/cm	0.30 mg/L	25.10 NTU	36.9 mV	42.47 ft	100.00 ml/min
4/1/2025 3:25 PM	59:29	6.65 pH	25.91 °C	669.09 µS/cm	0.29 mg/L	24.30 NTU	37.9 mV	42.48 ft	100.00 ml/min
4/1/2025 3:30 PM	01:04:29	6.65 pH	23.30 °C	675.89 µS/cm	0.28 mg/L	24.10 NTU	44.4 mV	42.41 ft	100.00 ml/min
4/1/2025 3:35 PM	01:09:29	6.65 pH	25.26 °C	684.91 µS/cm	0.26 mg/L	22.50 NTU	36.7 mV	42.57 ft	100.00 ml/min
4/1/2025 3:40 PM	01:14:29	6.65 pH	26.43 °C	676.53 µS/cm	0.23 mg/L	22.10 NTU	35.3 mV	42.54 ft	100.00 ml/min

4/1/2025 3:45 PM	01:19:29	6.65 pH	26.55 °C	665.12 µS/cm	0.20 mg/L	21.30 NTU	33.6 mV	42.48 ft	100.00 ml/min
4/1/2025 3:50 PM	01:24:29	6.63 pH	24.79 °C	691.11 µS/cm	0.19 mg/L	20.90 NTU	39.8 mV	42.51 ft	100.00 ml/min
4/1/2025 3:55 PM	01:29:29	6.64 pH	26.63 °C	688.15 µS/cm	0.16 mg/L	19.80 NTU	31.8 mV	42.53 ft	100.00 ml/min
4/1/2025 4:00 PM	01:34:29	6.64 pH	27.42 °C	680.24 µS/cm	0.14 mg/L	19.50 NTU	30.5 mV	42.48 ft	100.00 ml/min
4/1/2025 4:05 PM	01:39:29	6.64 pH	27.27 °C	675.62 µS/cm	0.14 mg/L	19.10 NTU	32.1 mV	42.51 ft	100.00 ml/min
4/1/2025 4:10 PM	01:44:29	6.64 pH	27.01 °C	673.12 µS/cm	0.13 mg/L	18.80 NTU	30.7 mV	42.39 ft	100.00 ml/min
4/1/2025 4:15 PM	01:49:29	6.63 pH	24.83 °C	670.86 µS/cm	0.14 mg/L	18.50 NTU	34.9 mV	42.44 ft	100.00 ml/min
4/1/2025 4:20 PM	01:54:29	6.63 pH	25.55 °C	672.00 µS/cm	0.14 mg/L	18.10 NTU	31.9 mV	42.62 ft	100.00 ml/min
4/1/2025 4:25 PM	01:59:29	6.64 pH	26.58 °C	667.68 µS/cm	0.13 mg/L	17.50 NTU	30.1 mV	42.73 ft	100.00 ml/min
4/1/2025 4:30 PM	02:04:29	6.64 pH	26.95 °C	666.12 µS/cm	0.12 mg/L	16.90 NTU	27.1 mV	42.64 ft	100.00 ml/min
4/1/2025 4:35 PM	02:09:29	6.64 pH	26.97 °C	662.41 µS/cm	0.11 mg/L	15.10 NTU	27.6 mV	42.62 ft	100.00 ml/min
4/1/2025 4:40 PM	02:14:29	6.63 pH	26.79 °C	659.66 µS/cm	0.11 mg/L	14.80 NTU	26.6 mV	42.67 ft	100.00 ml/min
4/1/2025 4:45 PM	02:19:29	6.63 pH	26.69 °C	654.53 µS/cm	0.11 mg/L	13.80 NTU	26.6 mV	42.68 ft	100.00 ml/min
4/1/2025 4:50 PM	02:24:29	6.62 pH	26.70 °C	646.46 µS/cm	0.11 mg/L	13.50 NTU	28.4 mV	42.75 ft	100.00 ml/min
4/1/2025 4:55 PM	02:29:29	6.61 pH	26.41 °C	661.54 µS/cm	0.11 mg/L	12.70 NTU	26.8 mV	42.81 ft	100.00 ml/min
4/1/2025 5:00 PM	02:34:29	6.62 pH	25.62 °C	688.20 µS/cm	0.11 mg/L	11.90 NTU	22.2 mV	42.89 ft	100.00 ml/min
4/1/2025 5:05 PM	02:39:29	6.62 pH	26.00 °C	689.18 µS/cm	0.11 mg/L	11.10 NTU	22.4 mV	42.92 ft	100.00 ml/min
4/1/2025 5:10 PM	02:44:29	6.61 pH	26.74 °C	686.89 µS/cm	0.11 mg/L	10.70 NTU	20.2 mV	42.73 ft	100.00 ml/min
4/1/2025 5:15 PM	02:49:29	6.60 pH	26.89 °C	674.33 µS/cm	0.11 mg/L	10.20 NTU	20.5 mV	42.66 ft	100.00 ml/min
4/1/2025 5:20 PM	02:54:29	6.60 pH	25.96 °C	664.53 µS/cm	0.11 mg/L	10.40 NTU	25.4 mV	42.68 ft	100.00 ml/min
4/1/2025 5:25 PM	02:59:29	6.59 pH	25.10 °C	648.09 µS/cm	0.11 mg/L	9.84 NTU	28.6 mV	42.55 ft	100.00 ml/min
4/1/2025 5:30 PM	03:04:29	6.59 pH	24.42 °C	645.06 µS/cm	0.12 mg/L	8.78 NTU	32.6 mV	42.61 ft	100.00 ml/min
4/1/2025 5:35 PM	03:09:29	6.59 pH	24.24 °C	648.63 µS/cm	0.12 mg/L	8.24 NTU	31.2 mV	42.66 ft	100.00 ml/min
4/1/2025 5:40 PM	03:14:29	6.59 pH	24.51 °C	650.10 µS/cm	0.13 mg/L	9.76 NTU	31.7 mV	42.73 ft	100.00 ml/min
4/1/2025 5:45 PM	03:19:29	6.58 pH	24.02 °C	661.15 µS/cm	0.14 mg/L	8.11 NTU	31.6 mV	42.66 ft	100.00 ml/min
4/1/2025 5:50 PM	03:24:29	6.59 pH	25.45 °C	664.78 µS/cm	0.13 mg/L	8.45 NTU	25.3 mV	42.69 ft	100.00 ml/min
4/1/2025 5:55 PM	03:29:29	6.58 pH	26.56 °C	653.75 µS/cm	0.12 mg/L	7.91 NTU	24.0 mV	42.58 ft	100.00 ml/min
4/1/2025 6:00 PM	03:34:29	6.57 pH	26.29 °C	642.35 µS/cm	0.11 mg/L	6.82 NTU	27.5 mV	42.61 ft	100.00 ml/min
4/1/2025 6:05 PM	03:39:29	6.57 pH	26.03 °C	639.74 µS/cm	0.11 mg/L	6.11 NTU	30.7 mV	42.64 ft	100.00 ml/min

4/1/2025 6:10 PM	03:44:29	6.57 pH	26.74 °C	637.12 µS/cm	0.10 mg/L	5.84 NTU	27.7 mV	42.58 ft	100.00 ml/min
4/1/2025 6:15 PM	03:49:29	6.59 pH	24.71 °C	576.21 µS/cm	0.07 mg/L	4.83 NTU	45.1 mV	42.94 ft	100.00 ml/min
4/1/2025 6:20 PM	03:54:29	6.62 pH	23.85 °C	586.83 µS/cm	0.07 mg/L	5.24 NTU	41.1 mV	42.87 ft	100.00 ml/min
4/1/2025 6:25 PM	03:59:29	6.63 pH	23.30 °C	591.26 µS/cm	0.07 mg/L	4.76 NTU	29.0 mV	42.66 ft	100.00 ml/min

Samples

Sample ID: N/A	Description: N/A

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 4/1/2025 8:09:58 AM
Project: Plant Wansley
Operator Name: Giannis Kouvatsis

Location Name: WGWC-37D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 119.75 ft** **Total Depth: 130 ft** **Initial Depth to Water: 24.92 ft**	**Pump Type: Monsoon** **Tubing Type: Polyethylene** **Pump Intake From TOC: 125 ft** **Estimated Total Volume Pumped: 29050 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes: Before commencing low flow testing pumped 25000 ml.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 20	+/- 5	
4/1/2025 8:09 AM	00:00	6.08 pH	15.92 °C	737.51 µS/cm	1.04 mg/L	48.50 NTU	31.7 mV	58.11 ft	250.00 ml/min
4/1/2025 8:14 AM	05:00	6.06 pH	16.56 °C	661.00 µS/cm	0.73 mg/L	36.60 NTU	38.5 mV	57.55 ft	250.00 ml/min
4/1/2025 8:19 AM	10:00	6.08 pH	16.46 °C	663.89 µS/cm	0.67 mg/L	39.50 NTU	40.5 mV	57.04 ft	250.00 ml/min
4/1/2025 8:24 AM	15:00	6.09 pH	16.38 °C	666.41 µS/cm	0.57 mg/L	34.70 NTU	35.2 mV	56.83 ft	250.00 ml/min
4/1/2025 8:29 AM	20:00	6.09 pH	16.54 °C	659.64 µS/cm	0.46 mg/L	29.10 NTU	36.0 mV	56.57 ft	250.00 ml/min
4/1/2025 8:36 AM	26:12	6.11 pH	16.60 °C	656.82 µS/cm	0.36 mg/L	30.20 NTU	31.1 mV	56.11 ft	250.00 ml/min
4/1/2025 8:41 AM	31:12	6.10 pH	16.66 °C	677.72 µS/cm	0.30 mg/L	28.70 NTU	29.9 mV	55.32 ft	250.00 ml/min
4/1/2025 8:46 AM	36:12	6.12 pH	16.73 °C	681.08 µS/cm	0.27 mg/L	25.50 NTU	30.2 mV	54.87 ft	250.00 ml/min
4/1/2025 8:51 AM	41:12	6.11 pH	16.77 °C	678.92 µS/cm	0.25 mg/L	17.40 NTU	27.4 mV	53.94 ft	250.00 ml/min
4/1/2025 8:56 AM	46:12	6.11 pH	16.68 °C	674.44 µS/cm	0.22 mg/L	15.60 NTU	28.3 mV	53.52 ft	250.00 ml/min
4/1/2025 9:01 AM	51:12	6.11 pH	16.69 °C	694.25 µS/cm	0.21 mg/L	13.90 NTU	25.4 mV	53.24 ft	250.00 ml/min
4/1/2025 9:06 AM	56:12	6.12 pH	16.64 °C	676.65 µS/cm	0.21 mg/L	13.30 NTU	24.6 mV	52.91 ft	250.00 ml/min
4/1/2025 9:11 AM	01:01:12	6.11 pH	16.95 °C	695.37 µS/cm	0.19 mg/L	11.50 NTU	23.1 mV	52.64 ft	250.00 ml/min
4/1/2025 9:16 AM	01:06:12	6.12 pH	16.55 °C	688.94 µS/cm	0.19 mg/L	8.33 NTU	23.3 mV	52.09 ft	250.00 ml/min
4/1/2025 9:21 AM	01:11:12	6.11 pH	16.41 °C	684.48 µS/cm	0.21 mg/L	8.43 NTU	23.3 mV	51.66 ft	250.00 ml/min
4/1/2025 9:26 AM	01:16:12	6.11 pH	16.22 °C	676.94 µS/cm	0.20 mg/L	7.94 NTU	21.9 mV	51.14 ft	250.00 ml/min

4/1/2025 9:31 AM	01:21:12	6.11 pH	16.46 °C	679.21 µS/cm	0.20 mg/L	7.11 NTU	21.0 mV	50.72 ft	250.00 ml/min
4/1/2025 9:36 AM	01:26:12	6.12 pH	16.56 °C	693.80 µS/cm	0.19 mg/L	8.17 NTU	20.1 mV	50.44 ft	250.00 ml/min
4/1/2025 9:41 AM	01:31:12	6.12 pH	16.45 °C	680.69 µS/cm	0.19 mg/L	7.73 NTU	19.8 mV	49.87 ft	250.00 ml/min
4/1/2025 9:46 AM	01:36:12	6.11 pH	16.65 °C	700.29 µS/cm	0.17 mg/L	6.84 NTU	19.0 mV	49.15 ft	250.00 ml/min
4/1/2025 9:51 AM	01:41:12	6.11 pH	16.67 °C	691.40 µS/cm	0.18 mg/L	6.32 NTU	18.2 mV	48.74 ft	250.00 ml/min
4/1/2025 9:56 AM	01:46:12	6.11 pH	16.87 °C	696.73 µS/cm	0.19 mg/L	5.84 NTU	17.9 mV	48.32 ft	250.00 ml/min
4/1/2025 10:01 AM	01:51:12	6.12 pH	17.04 °C	682.26 µS/cm	0.18 mg/L	5.22 NTU	17.7 mV	48.03 ft	250.00 ml/min
4/1/2025 10:06 AM	01:56:12	6.11 pH	17.13 °C	667.68 µS/cm	0.16 mg/L	4.83 NTU	17.8 mV	47.64 ft	250.00 ml/min

Samples

Sample ID: N/A	Description: N/A

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 4/2/2025 11:13:28 AM
Project: Plant Wansley
Operator Name: Giannis Kouvatsis

Location Name: WGWC-37S **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 36.75 ft** **Total Depth: 47 ft** **Initial Depth to Water: 25.72 ft**	**Pump Type: Monsoon** **Tubing Type: Polyethylene** **Pump Intake From TOC: 32 ft** **Estimated Total Volume Pumped: 35000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes: Before commencing low flow testing pumped 9750 ml.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 20	+/- 5	
4/2/2025 11:13 AM	00:00	4.47 pH	22.44 °C	2,554.4 µS/cm	2.75 mg/L	25.90 NTU	231.0 mV	36.51 ft	250.00 ml/min
4/2/2025 11:18 AM	05:00	4.46 pH	21.36 °C	2,677.4 µS/cm	2.67 mg/L	54.30 NTU	240.1 mV	36.82 ft	250.00 ml/min
4/2/2025 11:23 AM	10:00	4.44 pH	23.44 °C	2,647.5 µS/cm	2.70 mg/L	97.00 NTU	224.7 mV	36.66 ft	250.00 ml/min
4/2/2025 11:28 AM	15:00	4.44 pH	22.81 °C	2,446.1 µS/cm	2.70 mg/L	93.10 NTU	201.0 mV	36.94 ft	250.00 ml/min
4/2/2025 11:33 AM	20:00	4.42 pH	23.60 °C	2,542.4 µS/cm	2.76 mg/L	62.70 NTU	227.7 mV	37.11 ft	250.00 ml/min
4/2/2025 11:38 AM	25:00	4.42 pH	23.70 °C	2,625.5 µS/cm	2.72 mg/L	52.80 NTU	244.0 mV	37.02 ft	250.00 ml/min
4/2/2025 11:43 AM	30:00	4.42 pH	23.25 °C	2,670.6 µS/cm	2.68 mg/L	63.10 NTU	266.7 mV	36.81 ft	250.00 ml/min
4/2/2025 11:48 AM	35:00	4.42 pH	23.38 °C	2,719.0 µS/cm	2.63 mg/L	41.50 NTU	252.7 mV	36.75 ft	250.00 ml/min
4/2/2025 11:53 AM	40:00	4.42 pH	24.19 °C	2,750.4 µS/cm	2.57 mg/L	33.80 NTU	249.6 mV	36.94 ft	250.00 ml/min
4/2/2025 11:58 AM	45:00	4.42 pH	24.89 °C	2,742.6 µS/cm	2.49 mg/L	33.40 NTU	267.2 mV	37.03 ft	250.00 ml/min
4/2/2025 12:03 PM	50:00	4.43 pH	25.14 °C	2,745.6 µS/cm	2.58 mg/L	26.70 NTU	254.3 mV	37.01 ft	250.00 ml/min
4/2/2025 12:08 PM	55:00	4.44 pH	26.18 °C	2,716.2 µS/cm	2.37 mg/L	14.30 NTU	262.3 mV	37.04 ft	250.00 ml/min
4/2/2025 12:13 PM	01:00:00	4.44 pH	25.92 °C	2,666.3 µS/cm	2.38 mg/L	12.60 NTU	247.1 mV	37.08 ft	250.00 ml/min
4/2/2025 12:18 PM	01:05:00	4.44 pH	24.66 °C	2,671.4 µS/cm	2.43 mg/L	10.19 NTU	261.9 mV	37.01 ft	250.00 ml/min
4/2/2025 12:23 PM	01:10:00	4.44 pH	25.09 °C	2,698.5 µS/cm	2.43 mg/L	7.88 NTU	261.7 mV	36.94 ft	250.00 ml/min
4/2/2025 12:28 PM	01:15:00	4.44 pH	25.48 °C	2,675.9 µS/cm	2.38 mg/L	7.07 NTU	259.9 mV	36.97 ft	250.00 ml/min

4/2/2025 12:33 PM	01:20:00	4.45 pH	25.62 °C	2,663.4 µS/cm	2.36 mg/L	5.94 NTU	257.4 mV	36.98 ft	250.00 ml/min
4/2/2025 12:38 PM	01:25:00	4.43 pH	26.06 °C	2,707.4 µS/cm	2.43 mg/L	5.54 NTU	248.5 mV	36.91 ft	250.00 ml/min
4/2/2025 12:43 PM	01:30:00	4.41 pH	26.14 °C	2,558.1 µS/cm	2.49 mg/L	4.94 NTU	227.3 mV	36.88 ft	250.00 ml/min
4/2/2025 12:48 PM	01:35:00	4.38 pH	24.78 °C	2,656.7 µS/cm	2.15 mg/L	4.88 NTU	250.4 mV	36.94 ft	250.00 ml/min
4/2/2025 12:53 PM	01:40:00	4.31 pH	24.33 °C	2,860.9 µS/cm	4.18 mg/L	6.11 NTU	226.7 mV	36.54 ft	250.00 ml/min
4/2/2025 12:58 PM	01:45:00	4.32 pH	25.78 °C	2,840.9 µS/cm	3.90 mg/L	5.73 NTU	243.1 mV	36.52 ft	250.00 ml/min
4/2/2025 1:03 PM	01:50:00	4.32 pH	25.32 °C	2,768.5 µS/cm	3.86 mg/L	4.97 NTU	238.4 mV	36.59 ft	250.00 ml/min
4/2/2025 1:08 PM	01:55:00	4.34 pH	25.68 °C	2,797.8 µS/cm	3.36 mg/L	4.88 NTU	253.9 mV	36.71 ft	250.00 ml/min
4/2/2025 1:13 PM	02:00:00	4.38 pH	25.46 °C	2,776.1 µS/cm	3.01 mg/L	4.94 NTU	248.6 mV	36.75 ft	250.00 ml/min
4/2/2025 1:18 PM	02:05:00	4.41 pH	26.13 °C	2,750.0 µS/cm	2.74 mg/L	5.17 NTU	246.2 mV	36.81 ft	250.00 ml/min
4/2/2025 1:23 PM	02:10:00	4.44 pH	26.88 °C	2,765.9 µS/cm	2.57 mg/L	5.08 NTU	244.8 mV	36.79 ft	250.00 ml/min
4/2/2025 1:28 PM	02:15:00	4.46 pH	27.11 °C	2,730.3 µS/cm	2.45 mg/L	4.84 NTU	245.1 mV	36.84 ft	250.00 ml/min
4/2/2025 1:33 PM	02:20:00	4.48 pH	26.88 °C	2,717.8 µS/cm	2.42 mg/L	4.91 NTU	246.2 mV	36.81 ft	250.00 ml/min

Samples

Sample ID: N/A	Description: N/A

Low-Flow Test Report:

Test Date / Time: 3/28/2025 9:08:16 AM
Project: Plant Wansley
Operator Name: Giannis Kouvatsis

Location Name: WGWC-38D **Well Diameter: 2 in** **Casing Type: PVC Screen** **Length: 10 ft** **Top of Screen: 79.75 ft** **Total Depth: 90 ft** **Initial Depth to Water: 26.74 ft**	**Pump Type: Monsoon** **Tubing Type: Polyethylene** **Pump Intake From TOC: 85 ft** **Estimated Total Volume Pumped: 5000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes: Before commencing low flow testing pumped 80000 ml.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 20	+/- 5	
3/28/2025 9:08 AM	00:00	6.35 pH	18.32 °C	9,952.9 µS/cm	1.63 mg/L	17.2 NTU	68.0 mV	48.11 ft	250.00 ml/min
3/28/2025 9:13 AM	05:00	6.63 pH	18.90 °C	10,019 µS/cm	0.46 mg/L	14.20 NTU	15.6 mV	47.37 ft	250.00 ml/min
3/28/2025 9:18 AM	10:00	6.73 pH	19.14 °C	10,053 µS/cm	0.20 mg/L	6.68 NTU	-15.1 mV	45.12 ft	250.00 ml/min
3/28/2025 9:23 AM	15:00	6.75 pH	19.27 °C	10,081 µS/cm	0.15 mg/L	3.37 NTU	-20.5 mV	41.74 ft	250.00 ml/min
3/28/2025 9:28 AM	20:00	6.67 pH	19.40 °C	10,016 µS/cm	0.17 mg/L	3.16 NTU	-10.2 mV	39.11 ft	250.00 ml/min

Samples

Sample ID: N/A	Description: N/A

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 4/3/2025 1:34:42 PM
Project: Plant Wansley
Operator Name: Giannis Kouvatsis

Location Name: WGWC-38S **Well Diameter: 2 in Casing** **Type: PVC** **Screen Length: 10 ft** **Top of Screen: 49.75 ft** **Total Depth: 60 ft** **Initial Depth to Water: 25.41 ft**	**Pump Type: Monsoon** **Tubing Type: Polyethylene** **Pump Intake From TOC: 55 ft** **Estimated Total Volume Pumped: 22500 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1167968**

Test Notes: Before commencing low flow testing pumped 42000 ml.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 20	+/- 5	
4/3/2025 1:34 PM	00:00	6.06 pH	22.22 °C	1,061.6 µS/cm	0.36 mg/L	46.20 NTU	-24.7 mV	43.31 ft	250.00 ml/min
4/3/2025 1:39 PM	05:00	6.07 pH	22.12 °C	1,082.0 µS/cm	0.31 mg/L	55.50 NTU	-28.8 mV	42.66 ft	250.00 ml/min
4/3/2025 1:44 PM	10:00	6.08 pH	21.92 °C	1,085.2 µS/cm	0.24 mg/L	41.20 NTU	-29.2 mV	43.11 ft	250.00 ml/min
4/3/2025 1:49 PM	15:00	6.07 pH	23.52 °C	1,093.9 µS/cm	0.12 mg/L	33.80 NTU	-33.5 mV	43.38 ft	250.00 ml/min
4/3/2025 1:54 PM	20:00	6.07 pH	24.26 °C	1,081.4 µS/cm	0.10 mg/L	30.10 NTU	-38.1 mV	43.33 ft	250.00 ml/min
4/3/2025 1:59 PM	25:00	6.07 pH	23.93 °C	1,083.7 µS/cm	0.09 mg/L	28.90 NTU	-38.1 mV	43.67 ft	250.00 ml/min
4/3/2025 2:04 PM	30:00	6.05 pH	24.98 °C	1,089.3 µS/cm	0.06 mg/L	25.30 NTU	-37.9 mV	43.51 ft	250.00 ml/min
4/3/2025 2:09 PM	35:00	6.04 pH	24.69 °C	1,080.6 µS/cm	0.07 mg/L	19.90 NTU	-34.9 mV	43.74 ft	250.00 ml/min
4/3/2025 2:14 PM	40:00	6.08 pH	24.28 °C	1,092.9 µS/cm	0.08 mg/L	17.30 NTU	-37.7 mV	43.82 ft	250.00 ml/min
4/3/2025 2:19 PM	45:00	6.08 pH	24.71 °C	1,099.1 µS/cm	0.07 mg/L	16.90 NTU	-40.8 mV	43.89 ft	250.00 ml/min
4/3/2025 2:24 PM	50:00	6.07 pH	24.85 °C	1,091.6 µS/cm	0.09 mg/L	10.50 NTU	-33.3 mV	43.98 ft	250.00 ml/min
4/3/2025 2:29 PM	55:00	6.06 pH	24.13 °C	1,080.3 µS/cm	0.07 mg/L	8.11 NTU	-26.8 mV	43.87 ft	250.00 ml/min
4/3/2025 2:34 PM	01:00:00	6.05 pH	24.11 °C	1,107.0 µS/cm	0.06 mg/L	8.24 NTU	-27.0 mV	43.81 ft	250.00 ml/min
4/3/2025 2:39 PM	01:05:00	6.04 pH	24.54 °C	1,129.5 µS/cm	0.04 mg/L	7.95 NTU	-30.2 mV	43.97 ft	250.00 ml/min
4/3/2025 2:44 PM	01:10:00	6.08 pH	24.19 °C	1,112.2 µS/cm	0.04 mg/L	6.34 NTU	-42.4 mV	43.85 ft	250.00 ml/min
4/3/2025 2:49 PM	01:15:00	6.07 pH	24.27 °C	1,113.0 µS/cm	0.03 mg/L	5.71 NTU	-43.4 mV	43.77 ft	250.00 ml/min

4/3/2025 2:54 PM	01:20:00	6.08 pH	24.66 °C	1,109.0 µS/cm	0.03 mg/L	6.39 NTU	-46.2 mV	43.79 ft	250.00 ml/min
4/3/2025 2:59 PM	01:25:00	6.08 pH	24.41 °C	1,109.7 µS/cm	0.03 mg/L	5.52 NTU	-45.6 mV	43.83 ft	250.00 ml/min
4/3/2025 3:04 PM	01:30:00	6.09 pH	24.55 °C	1,112.0 µS/cm	0.03 mg/L	4.88 NTU	-48.5 mV	43.87 ft	250.00 ml/min

Samples

Sample ID: N/A	Description: N/A

Low-Flow Test Report:

Test Date / Time: 4/30/2025 1:47:19 PM
Project: Plant Wansley Development
Operator Name: D. johnson

Location Name: WGWC-39 **Latitude: 33.40708724684205** **Longitude: -85.05624043761263** **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: 32.62 ft**	**Pump Type: portable bladder pump** **Tubing Type: poly** **Pump Intake From TOC: 37 ft** **Estimated Total Volume Pumped: 9500 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 1.53 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183949**

Test Notes:
battery dying. return 5/2/25

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 25	+/- 0.3	
4/30/2025 1:47 PM	00:00	5.12 pH	21.52 °C	8.97 µS/cm	7.93 mg/L	30.90 NTU	272.5 mV	32.72 ft	100.00 ml/min
4/30/2025 1:52 PM	05:00	5.03 pH	21.63 °C	10.01 µS/cm	7.90 mg/L	31.70 NTU	274.8 mV	32.85 ft	100.00 ml/min
4/30/2025 1:57 PM	10:00	5.02 pH	21.73 °C	9.85 µS/cm	7.88 mg/L	22.60 NTU	280.4 mV	32.93 ft	100.00 ml/min
4/30/2025 2:02 PM	15:00	5.01 pH	21.42 °C	9.78 µS/cm	7.89 mg/L	18.90 NTU	282.7 mV	33.02 ft	100.00 ml/min
4/30/2025 2:07 PM	20:00	5.05 pH	20.80 °C	10.08 µS/cm	7.90 mg/L	19.30 NTU	285.1 mV	33.21 ft	100.00 ml/min
4/30/2025 2:12 PM	25:00	5.04 pH	21.68 °C	10.86 µS/cm	7.89 mg/L	19.00 NTU	280.3 mV	33.27 ft	100.00 ml/min
4/30/2025 2:17 PM	30:00	5.01 pH	22.26 °C	11.16 µS/cm	7.86 mg/L	16.50 NTU	286.0 mV	33.33 ft	100.00 ml/min
4/30/2025 2:22 PM	35:00	5.04 pH	22.45 °C	11.24 µS/cm	7.83 mg/L	19.90 NTU	282.6 mV	33.39 ft	100.00 ml/min
4/30/2025 2:27 PM	40:00	4.99 pH	21.49 °C	11.68 µS/cm	7.81 mg/L	18.00 NTU	285.1 mV	33.43 ft	100.00 ml/min
4/30/2025 2:32 PM	45:00	4.96 pH	21.64 °C	12.11 µS/cm	7.79 mg/L	16.30 NTU	293.2 mV	33.47 ft	100.00 ml/min
4/30/2025 2:37 PM	50:00	4.92 pH	21.34 °C	13.21 µS/cm	7.80 mg/L	45.20 NTU	300.5 mV	33.52 ft	100.00 ml/min
4/30/2025 2:42 PM	55:00	4.94 pH	21.16 °C	13.93 µS/cm	7.79 mg/L	43.00 NTU	299.2 mV	33.61 ft	100.00 ml/min
4/30/2025 2:47 PM	01:00:00	4.88 pH	22.13 °C	14.70 µS/cm	7.73 mg/L	32.90 NTU	305.6 mV	33.69 ft	100.00 ml/min
4/30/2025 2:52 PM	01:05:00	4.90 pH	22.68 °C	14.41 µS/cm	7.66 mg/L	29.50 NTU	301.0 mV	33.74 ft	100.00 ml/min
4/30/2025 2:57 PM	01:10:00	4.97 pH	22.51 °C	14.12 µS/cm	7.66 mg/L	26.00 NTU	299.5 mV	33.82 ft	100.00 ml/min

4/30/2025 3:02 PM	01:15:00	4.94 pH	21.35 °C	14.79 µS/cm	7.66 mg/L	20.40 NTU	304.5 mV	33.93 ft	100.00 ml/min
4/30/2025 3:07 PM	01:20:00	4.98 pH	21.72 °C	15.93 µS/cm	7.56 mg/L	18.30 NTU	302.0 mV	33.97 ft	100.00 ml/min
4/30/2025 3:12 PM	01:25:00	4.94 pH	22.44 °C	15.85 µS/cm	7.52 mg/L	16.50 NTU	301.9 mV	34.02 ft	100.00 ml/min
4/30/2025 3:17 PM	01:30:00	4.94 pH	22.45 °C	15.09 µS/cm	7.47 mg/L	17.30 NTU	302.8 mV	34.11 ft	100.00 ml/min
4/30/2025 3:22 PM	01:35:00	4.92 pH	21.62 °C	15.22 µS/cm	7.49 mg/L	18.80 NTU	305.3 mV	34.15 ft	100.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 5/1/2025 8:41:34 AM
Project: Plant Wansley Ash Pond Development
Operator Name: D. Johnson

Location Name: WGWC-39 **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: 31.05 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 37 ft** **Estimated Total Volume Pumped: 12 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 9.84 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183949**

Test Notes:
Final log.

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	
5/1/2025 8:41 AM	00:00	4.74 pH	21.33 °C	38.29 µS/cm	7.34 mg/L	32.20 NTU	208.6 mV	31.05 ft	100.00 ml/min
5/1/2025 8:46 AM	05:00	4.67 pH	21.11 °C	26.71 µS/cm	7.10 mg/L	28.20 NTU	205.9 mV	31.11 ft	100.00 ml/min
5/1/2025 8:51 AM	10:00	4.57 pH	21.00 °C	26.11 µS/cm	7.00 mg/L	23.50 NTU	206.3 mV	31.22 ft	100.00 ml/min
5/1/2025 8:56 AM	15:00	4.49 pH	20.76 °C	21.56 µS/cm	7.03 mg/L	46.60 NTU	206.6 mV	31.28 ft	100.00 ml/min
5/1/2025 9:01 AM	20:00	4.40 pH	20.62 °C	20.58 µS/cm	7.02 mg/L	52.20 NTU	216.3 mV	31.33 ft	100.00 ml/min
5/1/2025 9:06 AM	25:00	4.34 pH	21.10 °C	20.25 µS/cm	6.99 mg/L	44.70 NTU	209.8 mV	31.33 ft	100.00 ml/min
5/1/2025 9:11 AM	30:00	4.30 pH	21.65 °C	20.13 µS/cm	6.95 mg/L	38.30 NTU	223.2 mV	31.41 ft	100.00 ml/min
5/1/2025 9:16 AM	35:00	4.20 pH	21.61 °C	19.48 µS/cm	6.92 mg/L	33.50 NTU	223.3 mV	31.48 ft	100.00 ml/min
5/1/2025 9:21 AM	40:00	4.19 pH	21.67 °C	19.91 µS/cm	6.90 mg/L	28.10 NTU	229.4 mV	31.53 ft	100.00 ml/min
5/1/2025 9:26 AM	45:00	4.15 pH	22.30 °C	19.41 µS/cm	6.88 mg/L	24.30 NTU	226.1 mV	31.59 ft	100.00 ml/min
5/1/2025 9:31 AM	50:00	4.14 pH	22.82 °C	19.72 µS/cm	6.86 mg/L	19.50 NTU	225.3 mV	31.65 ft	100.00 ml/min
5/1/2025 9:36 AM	55:00	4.18 pH	23.34 °C	19.68 µS/cm	6.83 mg/L	19.10 NTU	241.3 mV	31.71 ft	100.00 ml/min
5/1/2025 9:41 AM	01:00:00	4.15 pH	23.57 °C	19.57 µS/cm	6.80 mg/L	17.90 NTU	235.6 mV	31.75 ft	100.00 ml/min
5/1/2025 9:46 AM	01:05:00	4.16 pH	23.34 °C	19.81 µS/cm	6.82 mg/L	17.10 NTU	234.3 mV	31.77 ft	100.00 ml/min
5/1/2025 9:51 AM	01:10:00	4.15 pH	23.05 °C	19.22 µS/cm	6.83 mg/L	16.50 NTU	239.8 mV	31.78 ft	100.00 ml/min

5/1/2025 9:56 AM	01:15:00	4.14 pH	22.34 °C	18.50 µS/cm	6.90 mg/L	14.40 NTU	239.2 mV	31.79 ft	100.00 ml/min
5/1/2025 10:01 AM	01:20:00	4.15 pH	22.84 °C	18.81 µS/cm	6.85 mg/L	14.10 NTU	235.0 mV	31.80 ft	100.00 ml/min
5/1/2025 10:06 AM	01:25:00	4.17 pH	23.24 °C	18.79 µS/cm	6.79 mg/L	12.80 NTU	238.3 mV	31.81 ft	100.00 ml/min
5/1/2025 10:11 AM	01:30:00	4.22 pH	23.42 °C	19.08 µS/cm	6.81 mg/L	12.70 NTU	238.9 mV	31.82 ft	100.00 ml/min
5/1/2025 10:16 AM	01:35:00	4.34 pH	23.13 °C	19.18 µS/cm	6.82 mg/L	11.60 NTU	238.8 mV	31.83 ft	100.00 ml/min
5/1/2025 10:21 AM	01:40:00	4.45 pH	23.54 °C	18.78 µS/cm	6.89 mg/L	11.40 NTU	236.3 mV	31.84 ft	100.00 ml/min
5/1/2025 10:26 AM	01:45:00	4.59 pH	23.58 °C	19.21 µS/cm	6.87 mg/L	10.30 NTU	227.5 mV	31.85 ft	100.00 ml/min
5/1/2025 10:31 AM	01:50:00	4.71 pH	23.60 °C	19.22 µS/cm	6.85 mg/L	9.53 NTU	221.2 mV	31.86 ft	100.00 ml/min
5/1/2025 10:36 AM	01:55:00	4.78 pH	23.58 °C	19.23 µS/cm	6.84 mg/L	8.87 NTU	221.2 mV	31.87 ft	100.00 ml/min
5/1/2025 10:41 AM	02:00:00	4.84 pH	23.44 °C	19.38 µS/cm	6.83 mg/L	8.19 NTU	218.0 mV	31.87 ft	100.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 5/8/2025 10:30:06 AM
Project: Plant Wansley AshPonds
Operator Name: J. Berisford

Location Name: WGWC-39 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 30 ft** **Total Depth: 40.77 ft** **Initial Depth to Water: 31.95 ft**	**Pump Type: Portable bladder pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 35 ft** **Estimated Total Volume Pumped: 3500 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0.15 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:

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	
5/8/2025 10:30 AM	00:00	5.07 pH	20.40 °C	23.96 µS/cm	9.93 mg/L	74.00 NTU	204.2 mV	31.95 ft	100.00 ml/min
5/8/2025 10:35 AM	05:00	5.03 pH	21.03 °C	24.41 µS/cm	9.93 mg/L	154.00 NTU	212.1 mV	32.10 ft	100.00 ml/min
5/8/2025 10:40 AM	10:00	4.98 pH	21.02 °C	24.64 µS/cm	9.86 mg/L	171.00 NTU	220.7 mV	32.10 ft	100.00 ml/min
5/8/2025 10:45 AM	15:00	4.87 pH	21.57 °C	24.71 µS/cm	9.83 mg/L	163.00 NTU	227.8 mV	32.10 ft	100.00 ml/min
5/8/2025 10:50 AM	20:00	4.79 pH	21.97 °C	24.48 µS/cm	9.83 mg/L	144.00 NTU	237.0 mV	32.10 ft	100.00 ml/min
5/8/2025 10:55 AM	25:00	4.76 pH	22.58 °C	24.61 µS/cm	9.74 mg/L	133.00 NTU	241.8 mV	32.10 ft	100.00 ml/min
5/8/2025 11:00 AM	30:00	4.69 pH	23.15 °C	24.78 µS/cm	9.75 mg/L	130.00 NTU	246.4 mV	32.10 ft	100.00 ml/min
5/8/2025 11:05 AM	35:00	4.65 pH	23.75 °C	25.56 µS/cm	9.67 mg/L	117.00 NTU	250.8 mV	32.10 ft	100.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 5/21/2025 9:05:22 AM
Project: Plant Wansley - Ash Pond Developments
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: 29.74 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Pump Intake From TOC: 36.46 ft** **Estimated Total Volume Pumped: 3 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 25.92 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Development Purge Log
Sunny, 70s

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	+/- 100	+/- 0.3	
5/21/2025 9:05 AM	00:00	4.93 pH	21.36 °C	40.66 µS/cm	7.92 mg/L	160.00 NTU	200.5 mV	29.74 ft	100.00 ml/min
5/21/2025 9:10 AM	05:00	4.94 pH	21.26 °C	40.29 µS/cm	7.69 mg/L	142.00 NTU	205.8 mV	31.10 ft	100.00 ml/min
5/21/2025 9:15 AM	10:00	4.94 pH	20.84 °C	38.71 µS/cm	7.78 mg/L	122.00 NTU	207.2 mV	31.20 ft	100.00 ml/min
5/21/2025 9:20 AM	15:00	4.95 pH	20.60 °C	37.94 µS/cm	7.79 mg/L	100.00 NTU	212.1 mV	31.40 ft	100.00 ml/min
5/21/2025 9:25 AM	20:00	4.96 pH	21.15 °C	38.22 µS/cm	7.73 mg/L	84.50 NTU	214.4 mV	31.60 ft	100.00 ml/min
5/21/2025 9:30 AM	25:00	4.95 pH	21.04 °C	37.50 µS/cm	7.75 mg/L	66.30 NTU	219.4 mV	31.80 ft	100.00 ml/min
5/21/2025 9:35 AM	30:00	4.97 pH	21.26 °C	38.19 µS/cm	7.65 mg/L	64.00 NTU	222.2 mV	31.90 ft	100.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 5/21/2025 1:00:06 PM
Project: Plant Wansley - Ash Pond Developments
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: 29.74 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Pump Intake From TOC: 36.46 ft** **Estimated Total Volume Pumped: 2.5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 50 ml/min** **Final Draw Down: 99.12 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Development Purge Log

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	+/- 100	+/- 0.3	
5/21/2025 1:00 PM	00:00	4.95 pH	22.62 °C	40.62 µS/cm	6.88 mg/L	1,000.00 NTU	82.8 mV	38.00 ft	100.00 ml/min
5/21/2025 1:05 PM	05:00	4.92 pH	23.32 °C	38.25 µS/cm	7.02 mg/L	995.00 NTU	122.0 mV	38.00 ft	100.00 ml/min
5/21/2025 1:10 PM	10:00	4.92 pH	23.70 °C	38.62 µS/cm	6.94 mg/L	557.00 NTU	144.7 mV	38.00 ft	100.00 ml/min
5/21/2025 1:15 PM	15:00	4.91 pH	23.58 °C	38.04 µS/cm	6.79 mg/L	483.00 NTU	159.6 mV	38.00 ft	100.00 ml/min
5/21/2025 1:20 PM	20:00	4.91 pH	24.07 °C	38.58 µS/cm	6.83 mg/L	304.00 NTU	170.8 mV	38.00 ft	100.00 ml/min
5/21/2025 1:25 PM	25:00	4.91 pH	24.20 °C	37.97 µS/cm	6.86 mg/L	223.00 NTU	179.0 mV	38.00 ft	100.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 5/21/2025 2:33:05 PM
Project: Plant Wansley - Ash Pond Developments
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: 29.74 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Pump Intake From TOC: 39.46 ft** **Estimated Total Volume Pumped: 1.5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 50 ml/min** **Final Draw Down: 101.52 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Development Purge Log

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	+/- 100	+/- 0.3	
5/21/2025 2:33 PM	00:00	4.94 pH	25.41 °C	51.90 µS/cm	6.36 mg/L	141.00 NTU	206.0 mV	29.74 ft	50.00 ml/min
5/21/2025 2:38 PM	05:00	4.89 pH	20.94 °C	38.25 µS/cm	6.79 mg/L	116.00 NTU	205.0 mV	38.05 ft	50.00 ml/min
5/21/2025 2:43 PM	10:00	4.84 pH	20.63 °C	37.62 µS/cm	6.74 mg/L	113.00 NTU	213.3 mV	38.08 ft	50.00 ml/min
5/21/2025 2:48 PM	15:00	4.80 pH	20.27 °C	37.92 µS/cm	6.83 mg/L	101.00 NTU	221.8 mV	38.12 ft	50.00 ml/min
5/21/2025 2:53 PM	20:00	4.72 pH	20.03 °C	38.00 µS/cm	6.85 mg/L	96.30 NTU	229.7 mV	38.14 ft	50.00 ml/min
5/21/2025 2:58 PM	25:00	4.56 pH	20.12 °C	37.99 µS/cm	6.79 mg/L	87.50 NTU	242.6 mV	38.17 ft	50.00 ml/min
5/21/2025 3:03 PM	30:00	4.37 pH	20.01 °C	38.14 µS/cm	6.78 mg/L	83.00 NTU	256.9 mV	38.20 ft	50.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 5/22/2025 8:30:04 AM
Project: Plant Wansley - Ash Pond Developments
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: 29.74 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Pump Intake From TOC: 39.46 ft** **Estimated Total Volume Pumped: 11.75 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 50 ml/min** **Final Draw Down: 113.76 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Development Purge Log

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	+/- 100	+/- 0.3	
5/22/2025 8:30 AM	00:00	4.72 pH	19.64 °C	56.13 µS/cm	7.93 mg/L	23.80 NTU	207.5 mV	39.22 ft	50.00 ml/min
5/22/2025 8:35 AM	05:00	4.69 pH	19.10 °C	42.54 µS/cm	7.49 mg/L	20.40 NTU	202.5 mV	39.22 ft	50.00 ml/min
5/22/2025 8:40 AM	10:00	4.73 pH	19.16 °C	43.56 µS/cm	7.41 mg/L	16.50 NTU	205.9 mV	39.22 ft	50.00 ml/min
5/22/2025 8:45 AM	15:00	4.69 pH	19.19 °C	42.73 µS/cm	7.39 mg/L	15.80 NTU	210.7 mV	39.22 ft	50.00 ml/min
5/22/2025 8:50 AM	20:00	4.70 pH	19.27 °C	41.97 µS/cm	7.37 mg/L	15.00 NTU	212.3 mV	39.22 ft	50.00 ml/min
5/22/2025 8:55 AM	25:00	4.67 pH	19.40 °C	41.49 µS/cm	7.38 mg/L	14.20 NTU	219.6 mV	39.22 ft	50.00 ml/min
5/22/2025 9:00 AM	30:00	4.62 pH	19.47 °C	41.00 µS/cm	7.29 mg/L	12.80 NTU	226.7 mV	39.22 ft	50.00 ml/min
5/22/2025 9:05 AM	35:00	4.66 pH	19.56 °C	41.00 µS/cm	7.28 mg/L	12.00 NTU	228.1 mV	39.22 ft	50.00 ml/min
5/22/2025 9:10 AM	40:00	4.65 pH	19.59 °C	40.90 µS/cm	7.27 mg/L	10.50 NTU	232.4 mV	39.22 ft	50.00 ml/min
5/22/2025 9:15 AM	45:00	4.67 pH	19.70 °C	40.88 µS/cm	7.26 mg/L	11.20 NTU	234.0 mV	39.22 ft	50.00 ml/min
5/22/2025 9:20 AM	50:00	4.66 pH	19.78 °C	40.91 µS/cm	7.24 mg/L	14.60 NTU	237.1 mV	39.22 ft	50.00 ml/min
5/22/2025 9:25 AM	55:00	4.64 pH	19.81 °C	40.61 µS/cm	7.24 mg/L	14.10 NTU	240.0 mV	39.22 ft	50.00 ml/min
5/22/2025 9:30 AM	01:00:00	4.69 pH	19.85 °C	40.75 µS/cm	7.26 mg/L	13.80 NTU	239.1 mV	39.22 ft	50.00 ml/min
5/22/2025 9:35 AM	01:05:00	4.64 pH	19.83 °C	40.73 µS/cm	7.27 mg/L	13.60 NTU	243.5 mV	39.22 ft	50.00 ml/min
5/22/2025 9:40 AM	01:10:00	4.70 pH	19.96 °C	40.58 µS/cm	7.25 mg/L	12.70 NTU	241.5 mV	39.22 ft	50.00 ml/min

5/22/2025 9:45 AM	01:15:00	4.70 pH	19.95 °C	40.70 µS/cm	7.27 mg/L	12.00 NTU	242.9 mV	39.22 ft	50.00 ml/min
5/22/2025 9:50 AM	01:20:00	4.69 pH	20.09 °C	40.49 µS/cm	7.24 mg/L	11.20 NTU	244.5 mV	39.22 ft	50.00 ml/min
5/22/2025 9:55 AM	01:25:00	4.73 pH	20.07 °C	40.48 µS/cm	7.27 mg/L	10.60 NTU	243.3 mV	39.22 ft	50.00 ml/min
5/22/2025 10:00 AM	01:30:00	4.67 pH	20.10 °C	40.57 µS/cm	7.26 mg/L	11.00 NTU	247.6 mV	39.22 ft	50.00 ml/min
5/22/2025 10:05 AM	01:35:00	4.75 pH	20.26 °C	40.64 µS/cm	7.26 mg/L	11.30 NTU	244.2 mV	39.22 ft	50.00 ml/min
5/22/2025 10:10 AM	01:40:00	4.74 pH	20.18 °C	40.68 µS/cm	7.26 mg/L	10.60 NTU	245.6 mV	39.22 ft	50.00 ml/min
5/22/2025 10:15 AM	01:45:00	4.77 pH	20.30 °C	40.21 µS/cm	7.21 mg/L	10.10 NTU	244.8 mV	39.22 ft	50.00 ml/min
5/22/2025 10:20 AM	01:50:00	4.77 pH	20.39 °C	40.24 µS/cm	7.24 mg/L	9.84 NTU	245.9 mV	39.22 ft	50.00 ml/min
5/22/2025 10:25 AM	01:55:00	4.74 pH	20.38 °C	40.05 µS/cm	7.23 mg/L	9.69 NTU	248.1 mV	39.22 ft	50.00 ml/min
5/22/2025 10:30 AM	02:00:00	4.79 pH	20.48 °C	40.00 µS/cm	7.23 mg/L	9.81 NTU	246.3 mV	39.22 ft	50.00 ml/min
5/22/2025 10:35 AM	02:05:00	4.77 pH	20.47 °C	39.97 µS/cm	7.24 mg/L	9.68 NTU	248.0 mV	39.22 ft	50.00 ml/min
5/22/2025 10:40 AM	02:10:00	4.81 pH	20.51 °C	39.93 µS/cm	7.22 mg/L	9.32 NTU	246.3 mV	39.22 ft	50.00 ml/min
5/22/2025 10:45 AM	02:15:00	4.80 pH	20.58 °C	39.81 µS/cm	7.21 mg/L	9.01 NTU	247.5 mV	39.22 ft	50.00 ml/min
5/22/2025 10:50 AM	02:20:00	4.79 pH	20.50 °C	39.65 µS/cm	7.22 mg/L	8.43 NTU	248.5 mV	39.22 ft	50.00 ml/min
5/22/2025 10:55 AM	02:25:00	4.81 pH	20.64 °C	39.71 µS/cm	7.24 mg/L	8.06 NTU	247.6 mV	39.22 ft	50.00 ml/min
5/22/2025 11:00 AM	02:30:00	4.79 pH	20.58 °C	39.91 µS/cm	7.25 mg/L	8.15 NTU	249.5 mV	39.22 ft	50.00 ml/min
5/22/2025 11:05 AM	02:35:00	4.82 pH	20.69 °C	40.13 µS/cm	7.23 mg/L	8.33 NTU	248.1 mV	39.22 ft	50.00 ml/min
5/22/2025 11:10 AM	02:40:00	4.81 pH	20.69 °C	40.56 µS/cm	7.26 mg/L	7.68 NTU	249.6 mV	39.22 ft	50.00 ml/min
5/22/2025 11:15 AM	02:45:00	4.80 pH	20.85 °C	40.30 µS/cm	7.23 mg/L	7.09 NTU	250.6 mV	39.22 ft	50.00 ml/min
5/22/2025 11:20 AM	02:50:00	4.83 pH	20.79 °C	40.43 µS/cm	7.25 mg/L	7.27 NTU	249.3 mV	39.22 ft	50.00 ml/min
5/22/2025 11:25 AM	02:55:00	4.82 pH	20.71 °C	40.48 µS/cm	7.25 mg/L	7.11 NTU	250.4 mV	39.22 ft	50.00 ml/min
5/22/2025 11:30 AM	03:00:00	4.83 pH	20.85 °C	40.50 µS/cm	7.26 mg/L	7.08 NTU	249.8 mV	39.22 ft	50.00 ml/min
5/22/2025 11:35 AM	03:05:00	4.82 pH	20.82 °C	40.52 µS/cm	7.25 mg/L	7.26 NTU	250.9 mV	39.22 ft	50.00 ml/min
5/22/2025 11:40 AM	03:10:00	4.79 pH	20.97 °C	40.32 µS/cm	7.19 mg/L	6.48 NTU	253.2 mV	39.22 ft	50.00 ml/min
5/22/2025 11:45 AM	03:15:00	4.83 pH	20.86 °C	40.42 µS/cm	7.25 mg/L	5.62 NTU	251.2 mV	39.22 ft	50.00 ml/min
5/22/2025 11:50 AM	03:20:00	4.81 pH	20.83 °C	40.56 µS/cm	7.26 mg/L	4.96 NTU	253.0 mV	39.22 ft	50.00 ml/min
5/22/2025 11:55 AM	03:25:00	4.84 pH	20.98 °C	40.55 µS/cm	7.25 mg/L	4.45 NTU	251.6 mV	39.22 ft	50.00 ml/min
5/22/2025 12:00 PM	03:30:00	4.83 pH	20.88 °C	40.32 µS/cm	7.24 mg/L	4.59 NTU	252.5 mV	39.22 ft	50.00 ml/min
5/22/2025 12:05 PM	03:35:00	4.79 pH	21.08 °C	40.20 µS/cm	7.21 mg/L	4.70 NTU	255.2 mV	39.22 ft	50.00 ml/min

5/22/2025 12:10 PM	03:40:00	4.84 pH	21.02 °C	40.35 µS/cm	7.27 mg/L	4.38 NTU	252.8 mV	39.22 ft	50.00 ml/min
5/22/2025 12:15 PM	03:45:00	4.82 pH	20.87 °C	40.35 µS/cm	7.28 mg/L	4.58 NTU	253.8 mV	39.22 ft	50.00 ml/min
5/22/2025 12:20 PM	03:50:00	4.84 pH	21.04 °C	40.29 µS/cm	7.28 mg/L	4.27 NTU	253.0 mV	39.22 ft	50.00 ml/min
5/22/2025 12:25 PM	03:55:00	4.83 pH	21.06 °C	40.27 µS/cm	7.30 mg/L	4.44 NTU	253.9 mV	39.22 ft	50.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 3/20/2025 9:58:27 AM
Project: Plant Wansley Ash Ponds Developments
Operator Name: D. Johnson

Location Name: WGWC-40 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 39.36 ft** **Total Depth: 49.36 ft** **Initial Depth to Water: 29.36 ft**	**Pump Type: Monsoon** **Tubing Type: Poly** **Pump Intake From TOC: 46 ft** **Estimated Total Volume Pumped: 65 liters** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 8.79 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080297**

Test Notes:
Surge with surge block for 20 minutes. Purge with reclaimer until water became visibly clear. Purged with monsoon for the remainder of development. Removed cumulative of 17.4 gallons from well

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
3/20/2025 9:58 AM	00:00	5.67 pH	18.20 °C	98.40 µS/cm	2.94 mg/L	276.00 NTU	149.1 mV	34.52 ft	200.00 ml/min
3/20/2025 10:03 AM	05:00	5.58 pH	18.08 °C	92.52 µS/cm	3.48 mg/L	179.00 NTU	115.0 mV	37.42 ft	200.00 ml/min
3/20/2025 10:08 AM	10:00	5.44 pH	17.82 °C	80.53 µS/cm	3.52 mg/L	98.30 NTU	103.9 mV	37.66 ft	200.00 ml/min
3/20/2025 10:13 AM	15:00	5.41 pH	17.47 °C	77.85 µS/cm	3.22 mg/L	57.80 NTU	95.7 mV	37.83 ft	200.00 ml/min
3/20/2025 10:18 AM	20:00	5.38 pH	18.07 °C	75.97 µS/cm	3.02 mg/L	33.00 NTU	91.4 mV	38.03 ft	200.00 ml/min
3/20/2025 10:23 AM	25:00	5.36 pH	18.23 °C	74.92 µS/cm	2.83 mg/L	26.40 NTU	87.9 mV	38.11 ft	200.00 ml/min
3/20/2025 10:28 AM	30:00	5.35 pH	18.10 °C	73.39 µS/cm	2.61 mg/L	19.60 NTU	83.3 mV	38.12 ft	200.00 ml/min
3/20/2025 10:33 AM	35:00	5.30 pH	18.27 °C	70.38 µS/cm	2.52 mg/L	12.80 NTU	82.8 mV	38.13 ft	200.00 ml/min
3/20/2025 10:38 AM	40:00	5.83 pH	19.22 °C	0.23 µS/cm	8.42 mg/L	152.00 NTU	33.6 mV	38.14 ft	200.00 ml/min
3/20/2025 10:43 AM	45:00	5.93 pH	22.99 °C	0.14 µS/cm	7.92 mg/L	133.00 NTU	37.0 mV	38.15 ft	200.00 ml/min
3/20/2025 10:48 AM	50:00	5.43 pH	18.64 °C	77.04 µS/cm	1.98 mg/L	10.60 NTU	87.9 mV	38.15 ft	200.00 ml/min
3/20/2025 10:53 AM	55:00	5.22 pH	18.12 °C	66.87 µS/cm	2.44 mg/L	5.76 NTU	111.4 mV	38.15 ft	200.00 ml/min
3/20/2025 10:58 AM	01:00:00	5.19 pH	18.51 °C	65.65 µS/cm	2.48 mg/L	4.90 NTU	81.2 mV	38.15 ft	200.00 ml/min
3/20/2025 11:03 AM	01:05:00	5.20 pH	18.69 °C	65.77 µS/cm	2.37 mg/L	3.75 NTU	78.0 mV	38.15 ft	200.00 ml/min

Low-Flow Test Report:

Test Date / Time: 3/18/2025 10:00:37 AM
Project: Plant Wansley Ash Ponds Developments
Operator Name: D. Johnson

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: 26.64 ft**	**Pump Type: Reclaimer** **Tubing Type: Poly** **Pump Intake From TOC: 30 ft** **Estimated Total Volume Pumped: 9.37 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 75 ml/min** **Final Draw Down: 40.32 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080297**

Test Notes:
1200 purged dry. Log 1. Allow for recharge.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
3/18/2025 10:00 AM	00:00	5.83 pH	10.51 °C	138.59 µS/cm	9.47 mg/L	1,000.00 NTU	126.2 mV	26.64 ft	100.00 ml/min
3/18/2025 10:05 AM	05:00	5.53 pH	12.62 °C	137.34 µS/cm	8.18 mg/L	1,000.00 NTU	104.8 mV	27.81 ft	100.00 ml/min
3/18/2025 10:10 AM	10:00	5.50 pH	13.78 °C	138.11 µS/cm	8.04 mg/L	972.00 NTU	99.2 mV	27.90 ft	100.00 ml/min
3/18/2025 10:15 AM	15:00	5.48 pH	14.35 °C	138.94 µS/cm	7.93 mg/L	658.00 NTU	97.8 mV	28.07 ft	75.00 ml/min
3/18/2025 10:20 AM	20:00	5.48 pH	14.12 °C	139.67 µS/cm	7.84 mg/L	387.00 NTU	96.1 mV	28.21 ft	75.00 ml/min
3/18/2025 10:25 AM	25:00	5.49 pH	13.95 °C	140.15 µS/cm	7.86 mg/L	332.00 NTU	94.4 mV	28.30 ft	75.00 ml/min
3/18/2025 10:30 AM	30:00	5.50 pH	13.52 °C	140.36 µS/cm	7.93 mg/L	322.00 NTU	92.7 mV	28.33 ft	75.00 ml/min
3/18/2025 10:35 AM	35:00	5.50 pH	13.67 °C	141.23 µS/cm	7.89 mg/L	340.00 NTU	92.1 mV	28.40 ft	75.00 ml/min
3/18/2025 10:40 AM	40:00	5.51 pH	13.71 °C	141.44 µS/cm	7.76 mg/L	343.00 NTU	91.1 mV	28.47 ft	75.00 ml/min
3/18/2025 10:45 AM	45:00	5.51 pH	14.12 °C	142.06 µS/cm	7.81 mg/L	330.00 NTU	90.8 mV	28.53 ft	75.00 ml/min
3/18/2025 10:50 AM	50:00	5.51 pH	14.40 °C	142.75 µS/cm	7.81 mg/L	318.00 NTU	90.2 mV	28.61 ft	75.00 ml/min
3/18/2025 10:55 AM	55:00	5.52 pH	14.33 °C	142.58 µS/cm	7.84 mg/L	274.00 NTU	90.8 mV	28.68 ft	75.00 ml/min
3/18/2025 11:00 AM	01:00:00	5.52 pH	14.21 °C	142.86 µS/cm	7.87 mg/L	236.00 NTU	90.7 mV	28.70 ft	75.00 ml/min
3/18/2025 11:05 AM	01:05:00	5.51 pH	14.39 °C	143.04 µS/cm	7.93 mg/L	224.00 NTU	91.0 mV	28.79 ft	75.00 ml/min
3/18/2025 11:10 AM	01:10:00	5.50 pH	15.00 °C	143.60 µS/cm	7.93 mg/L	194.00 NTU	91.6 mV	28.85 ft	75.00 ml/min

3/18/2025 11:15 AM	01:15:00	5.49 pH	15.71 °C	144.01 µS/cm	7.91 mg/L	162.00 NTU	92.3 mV	28.92 ft	75.00 ml/min
3/18/2025 11:20 AM	01:20:00	5.49 pH	16.27 °C	143.38 µS/cm	7.82 mg/L	154.00 NTU	92.9 mV	29.07 ft	75.00 ml/min
3/18/2025 11:25 AM	01:25:00	5.48 pH	16.41 °C	143.86 µS/cm	7.74 mg/L	133.00 NTU	93.5 mV	29.20 ft	75.00 ml/min
3/18/2025 11:30 AM	01:30:00	5.46 pH	16.60 °C	144.62 µS/cm	7.74 mg/L	119.00 NTU	94.1 mV	29.32 ft	75.00 ml/min
3/18/2025 11:35 AM	01:35:00	5.46 pH	16.82 °C	144.34 µS/cm	7.66 mg/L	104.00 NTU	94.2 mV	29.44 ft	75.00 ml/min
3/18/2025 11:40 AM	01:40:00	5.44 pH	17.53 °C	145.02 µS/cm	7.70 mg/L	89.20 NTU	94.2 mV	29.57 ft	75.00 ml/min
3/18/2025 11:45 AM	01:45:00	5.43 pH	18.17 °C	145.23 µS/cm	7.66 mg/L	75.50 NTU	94.9 mV	29.66 ft	75.00 ml/min
3/18/2025 11:50 AM	01:50:00	5.43 pH	18.62 °C	145.06 µS/cm	7.44 mg/L	74.90 NTU	95.2 mV	29.74 ft	75.00 ml/min
3/18/2025 11:55 AM	01:55:00	5.44 pH	18.51 °C	144.19 µS/cm	7.40 mg/L	51.80 NTU	94.8 mV	29.88 ft	75.00 ml/min
3/18/2025 12:00 PM	02:00:00	5.44 pH	18.29 °C	144.27 µS/cm	7.39 mg/L	49.40 NTU	94.2 mV	30.00 ft	75.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 3/19/2025 9:55:03 AM
Project: Plant Wansley Ash Ponds Developments
Operator Name: D. Johnson

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: 26.71 ft**	**Pump Type: Reclaimer** **Tubing Type: Poly** **Pump Intake From TOC: 30 ft** **Estimated Total Volume Pumped: 10.5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 33.12 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080297**

Test Notes:
Well purged dry. Log 3/3. Surged with surge block for 15 then switched to reclaimer. Well purged dry on 3/17/25, resumed on 3/19/25. Slow recharge well. Removed combined 7.24 gallons from well.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
3/19/2025 9:55 AM	00:00	5.58 pH	11.70 °C	134.42 µS/cm	8.61 mg/L	1,000.00 NTU	159.8 mV	26.71 ft	100.00 ml/min
3/19/2025 10:00 AM	05:00	5.79 pH	12.19 °C	78.58 µS/cm	9.40 mg/L	1,000.00 NTU	152.5 mV	27.30 ft	100.00 ml/min
3/19/2025 10:05 AM	10:00	5.64 pH	12.23 °C	134.35 µS/cm	8.68 mg/L	1,000.00 NTU	139.8 mV	27.50 ft	100.00 ml/min
3/19/2025 10:10 AM	15:00	5.53 pH	12.80 °C	134.32 µS/cm	8.09 mg/L	942.00 NTU	111.7 mV	27.72 ft	100.00 ml/min
3/19/2025 10:15 AM	20:00	5.50 pH	12.67 °C	137.04 µS/cm	7.96 mg/L	603.00 NTU	95.3 mV	27.87 ft	100.00 ml/min
3/19/2025 10:20 AM	25:00	5.50 pH	13.30 °C	143.02 µS/cm	7.87 mg/L	471.00 NTU	89.7 mV	27.95 ft	100.00 ml/min
3/19/2025 10:25 AM	30:00	5.50 pH	13.39 °C	142.74 µS/cm	7.79 mg/L	463.00 NTU	86.5 mV	28.02 ft	100.00 ml/min
3/19/2025 10:30 AM	35:00	5.51 pH	13.31 °C	143.41 µS/cm	7.81 mg/L	480.00 NTU	84.6 mV	28.11 ft	100.00 ml/min
3/19/2025 10:35 AM	40:00	5.51 pH	13.52 °C	143.48 µS/cm	7.77 mg/L	464.00 NTU	84.1 mV	28.24 ft	100.00 ml/min
3/19/2025 10:40 AM	45:00	5.51 pH	13.52 °C	143.74 µS/cm	7.78 mg/L	453.00 NTU	82.7 mV	28.31 ft	100.00 ml/min
3/19/2025 10:45 AM	50:00	5.52 pH	13.67 °C	144.41 µS/cm	7.83 mg/L	440.00 NTU	82.0 mV	28.44 ft	100.00 ml/min
3/19/2025 10:50 AM	55:00	5.52 pH	13.97 °C	145.20 µS/cm	7.82 mg/L	591.00 NTU	81.8 mV	28.49 ft	100.00 ml/min
3/19/2025 10:55 AM	01:00:00	5.53 pH	14.20 °C	144.94 µS/cm	7.76 mg/L	757.00 NTU	81.7 mV	28.57 ft	100.00 ml/min
3/19/2025 11:00 AM	01:05:00	5.53 pH	14.24 °C	138.70 µS/cm	7.79 mg/L	832.00 NTU	81.3 mV	28.62 ft	100.00 ml/min
3/19/2025 11:05 AM	01:10:00	5.68 pH	14.44 °C	140.89 µS/cm	8.42 mg/L	816.00 NTU	94.2 mV	28.69 ft	100.00 ml/min

3/19/2025 11:10 AM	01:15:00	5.64 pH	15.24 °C	139.44 µS/cm	8.20 mg/L	975.00 NTU	86.3 mV	28.74 ft	100.00 ml/min
3/19/2025 11:15 AM	01:20:00	5.57 pH	15.65 °C	139.82 µS/cm	8.43 mg/L	1,000.00 NTU	85.7 mV	28.87 ft	100.00 ml/min
3/19/2025 11:20 AM	01:25:00	5.51 pH	15.99 °C	141.35 µS/cm	8.45 mg/L	1,000.00 NTU	86.2 mV	29.00 ft	100.00 ml/min
3/19/2025 11:25 AM	01:30:00	5.54 pH	16.88 °C	140.60 µS/cm	8.49 mg/L	999.00 NTU	88.6 mV	29.11 ft	100.00 ml/min
3/19/2025 11:30 AM	01:35:00	5.55 pH	17.26 °C	139.00 µS/cm	8.25 mg/L	987.00 NTU	88.2 mV	29.26 ft	100.00 ml/min
3/19/2025 11:35 AM	01:40:00	5.51 pH	17.26 °C	139.05 µS/cm	8.14 mg/L	954.00 NTU	89.3 mV	29.34 ft	100.00 ml/min
3/19/2025 11:40 AM	01:45:00	5.50 pH	18.06 °C	138.64 µS/cm	7.90 mg/L	921.00 NTU	88.9 mV	29.47 ft	100.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/1/2024 2:40:31 PM
Project: Plant Wansley Ash Pond WGWC-42
Operator Name: J. May

Location Name: WGWC-42 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 28.2 ft** **Total Depth: 38.24 ft** **Initial Depth to Water: 20.6 ft**	**Pump Type: Monsoon** **Pump Intake From TOC: 35.85 ft** **Estimated Total Volume Pumped: 201.95 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 500 ml/min** **Final Draw Down: 4.5 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 965658**

Test Notes:

Weather Conditions:
Sunny, 90s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 0.3	
8/1/2024 2:40 PM	00:00	7.10 pH	24.83 °C	46.70 µS/cm	4.74 mg/L	3.69 NTU	102.2 mV	20.60 ft	500.00 ml/min
8/1/2024 2:45 PM	05:00	5.28 pH	20.84 °C	49.05 µS/cm	4.95 mg/L	2.86 NTU	91.0 mV	25.10 ft	500.00 ml/min
8/1/2024 2:50 PM	10:00	5.17 pH	20.65 °C	47.55 µS/cm	4.96 mg/L	1.99 NTU	89.1 mV	25.10 ft	500.00 ml/min
8/1/2024 2:55 PM	15:00	5.20 pH	20.53 °C	48.32 µS/cm	4.91 mg/L	1.54 NTU	89.9 mV	25.10 ft	500.00 ml/min
8/1/2024 3:00 PM	20:00	5.22 pH	20.75 °C	49.10 µS/cm	4.87 mg/L	1.39 NTU	89.8 mV	25.10 ft	500.00 ml/min
8/1/2024 3:05 PM	25:00	5.23 pH	20.74 °C	48.90 µS/cm	4.83 mg/L	1.24 NTU	90.0 mV	25.10 ft	500.00 ml/min

Samples

Sample ID:	Description:

Calibration Report

Instrument	Aqua TROLL 400
Serial Number	965658
Created	8/1/2024

Sensor **RDO**

Serial Number	964434
Last Calibrated	8/1/2024

Calibration Details

Slope	1.1462613
Offset	-0.00 mg/L

Calibration point 100%

Concentration	6.70 mg/L
Temperature	27.85 °C
Barometric Pressure	992.38 mbar

Sensor **Conductivity**

Serial Number	965658
Last Calibrated	8/1/2024

Calibration Details

Offset	0.00 µS/cm
Cell Constant	0.816
Reference Temperature	25.00 °C
TDS Conversion Factor (ppm)	0.65

Sensor **Level**

Serial Number	976298
Last Calibrated	Factory Defaults

Sensor	**pH/ORP**
Serial Number	22007
Last Calibrated	8/1/2024

Calibration Details

Total Calibration Points	3

Calibration Point 1

pH of Buffer	4.01 pH
pH mV	174.6 mV
Temperature	30.83 °C

Calibration Point 2

pH of Buffer	6.98 pH
pH mV	2.6 mV
Temperature	32.54 °C

Calibration Point 3

pH of Buffer	9.95 pH
pH mV	-170.1 mV
Temperature	32.04 °C

Slope and Offset 1

Slope	-57.92 mV/pH
Offset	1.4 mV

Slope and Offset 2

Slope	-58.15 mV/pH
Offset	1.4 mV

ORP

ORP Solution	Zobell's
Offset	4.9 mV
Temperature	30.05 °C

Calibration Report

Instrument	Aqua TROLL 400
Serial Number	1080297
Created	3/17/2025

Sensor **RDO**

Serial Number	1114621
Last Calibrated	3/17/2025

Calibration Details

Slope	1.1615752
Offset	-0.00 mg/L

Calibration point 100%

Concentration	8.18 mg/L
Temperature	16.85 °C
Barometric Pressure	993.75 mbar

Sensor **Conductivity**

Serial Number	1080297
Last Calibrated	3/17/2025

Calibration Details

Offset	0.00 µS/cm
Cell Constant	0.978
Reference Temperature	25.00 °C
TDS Conversion Factor (ppm)	0.65

Sensor **Level**

Serial Number	1079487
Last Calibrated	Factory Defaults

Sensor	**pH/ORP**
Serial Number	22513
Last Calibrated	3/17/2025

Calibration Details

Total Calibration Points	3

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	161.8 mV
Temperature	14.76 °C

Calibration Point 2

pH of Buffer	7.04 pH
pH mV	-3.4 mV
Temperature	14.15 °C

Calibration Point 3

pH of Buffer	10.11 pH
pH mV	-175.4 mV
Temperature	14.84 °C

Slope and Offset 1

Slope	-54.36 mV/pH
Offset	-1.3 mV

Slope and Offset 2

Slope	-56.03 mV/pH
Offset	-1.2 mV

ORP

ORP Solution	Zobell's
Offset	-8.8 mV
Temperature	14.01 °C

Calibration Report

Instrument	Aqua TROLL 400
Serial Number	1080297
Created	3/18/2025

Sensor	**RDO**
Serial Number	1114621
Last Calibrated	3/18/2025

Calibration Details

Slope	1.1659901
Offset	-0.00 mg/L

Calibration point 100%

Concentration	10.43 mg/L
Temperature	6.24 °C
Barometric Pressure	995.67 mbar

Sensor	**Conductivity**
Serial Number	1080297
Last Calibrated	3/18/2025

Calibration Details

Offset	0.00 µS/cm
Cell Constant	0.942
Reference Temperature	25.00 °C
TDS Conversion Factor (ppm)	0.65

Sensor	**Level**
Serial Number	1079487
Last Calibrated	Factory Defaults

Sensor	**pH/ORP**
Serial Number	22513
Last Calibrated	3/18/2025

Calibration Details

Total Calibration Points	3

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	156.1 mV
Temperature	10.07 °C

Calibration Point 2

pH of Buffer	7.06 pH
pH mV	-3.2 mV
Temperature	10.28 °C

Calibration Point 3

pH of Buffer	10.14 pH
pH mV	-179.2 mV
Temperature	8.69 °C

Slope and Offset 1

Slope	-52.05 mV/pH
Offset	-0.1 mV

Slope and Offset 2

Slope	-57.15 mV/pH
Offset	0.2 mV

ORP

ORP Solution	Zobell's
Offset	-9.3 mV
Temperature	10.91 °C

Calibration Report

Instrument	Aqua TROLL 400
Serial Number	1080297
Created	3/19/2025

Sensor **RDO**

Serial Number	1114621
Last Calibrated	3/19/2025

Calibration Details

Slope	1.1530538
Offset	-0.00 mg/L

Calibration point 100%

Concentration	9.97 mg/L
Temperature	8.25 °C
Barometric Pressure	989.58 mbar

Sensor **Conductivity**

Serial Number	1080297
Last Calibrated	3/19/2025

Calibration Details

Offset	0.00 µS/cm
Cell Constant	0.938
Reference Temperature	25.00 °C
TDS Conversion Factor (ppm)	0.65

Sensor **Level**

Serial Number	1079487
Last Calibrated	Factory Defaults

Sensor	**pH/ORP**
Serial Number	22513
Last Calibrated	3/19/2025

Calibration Details

Total Calibration Points	3

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	155.2 mV
Temperature	13.59 °C

Calibration Point 2

pH of Buffer	7.04 pH
pH mV	0.1 mV
Temperature	13.94 °C

Calibration Point 3

pH of Buffer	10.14 pH
pH mV	-178.8 mV
Temperature	12.34 °C

Slope and Offset 1

Slope	-51 mV/pH
Offset	2.2 mV

Slope and Offset 2

Slope	-57.72 mV/pH
Offset	2.5 mV

ORP

ORP Solution	Zobell's
Offset	-8.5 mV
Temperature	14.32 °C

Calibration Report

Instrument	Aqua TROLL 400
Serial Number	1080297
Created	3/20/2025

Sensor	**RDO**
Serial Number	1114621
Last Calibrated	3/20/2025

Calibration Details

Slope	1.1534591
Offset	-0.00 mg/L

Calibration point 100%

Concentration	8.22 mg/L
Temperature	16.41 °C
Barometric Pressure	982.21 mbar

Sensor	**Conductivity**
Serial Number	1080297
Last Calibrated	3/20/2025

Calibration Details

Offset	0.00 µS/cm
Cell Constant	0.936
Reference Temperature	25.00 °C
TDS Conversion Factor (ppm)	0.65

Sensor	**Level**
Serial Number	1079487
Last Calibrated	Factory Defaults

Sensor	**pH/ORP**
Serial Number	22513
Last Calibrated	3/20/2025

Calibration Details

Total Calibration Points	3

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	157.6 mV
Temperature	18.86 °C

Calibration Point 2

pH of Buffer	7.02 pH
pH mV	-0.7 mV
Temperature	18.91 °C

Calibration Point 3

pH of Buffer	10.05 pH
pH mV	-179.5 mV
Temperature	18.04 °C

Slope and Offset 1

Slope	-52.41 mV/pH
Offset	0.4 mV

Slope and Offset 2

Slope	-59.03 mV/pH
Offset	0.5 mV

ORP

ORP Solution	Zobell's
Offset	-5.6 mV
Temperature	19.31 °C

Calibration Report

Instrument	Aqua TROLL 400
Serial Number	1080302
Created	3/17/2025

Sensor	**RDO**
Serial Number	1078430
Last Calibrated	3/17/2025

Calibration Details

Slope	1.1132712
Offset	-0.00 mg/L

Calibration point 100%

Concentration	8.63 mg/L
Temperature	16.34 °C
Barometric Pressure	993.54 mbar

Sensor	**Conductivity**
Serial Number	1080302
Last Calibrated	3/17/2025

Calibration Details

Offset	0.00 µS/cm
Cell Constant	1.001
Reference Temperature	25.00 °C
TDS Conversion Factor (ppm)	0.65

Sensor	**Level**
Serial Number	1080275
Last Calibrated	Factory Defaults

Sensor	**pH/ORP**
Serial Number	22508
Last Calibrated	3/17/2025

Calibration Details

Total Calibration Points	3

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	166.4 mV
Temperature	16.02 °C

Calibration Point 2

pH of Buffer	7.04 pH
pH mV	-4.6 mV
Temperature	16.02 °C

Calibration Point 3

pH of Buffer	10.11 pH
pH mV	-171.8 mV
Temperature	15.44 °C

Slope and Offset 1

Slope	-56.24 mV/pH
Offset	-2.3 mV

Slope and Offset 2

Slope	-54.46 mV/pH
Offset	-2.4 mV

ORP

ORP Solution	ORP Standard
Offset	-9.5 mV
Temperature	15.41 °C

Calibration Report

Instrument	Aqua TROLL 400
Serial Number	1080302
Created	3/18/2025

Sensor	**RDO**
Serial Number	1078430
Last Calibrated	3/18/2025

Calibration Details

Slope	1.0710618
Offset	-0.00 mg/L

Calibration point 100%

Concentration	10.81 mg/L
Temperature	8.19 °C
Barometric Pressure	995.72 mbar

Sensor	**Conductivity**
Serial Number	1080302
Last Calibrated	3/18/2025

Calibration Details

Offset	0.00 µS/cm
Cell Constant	1.012
Reference Temperature	25.00 °C
TDS Conversion Factor (ppm)	0.65

Sensor	**Level**
Serial Number	1080275
Last Calibrated	Factory Defaults

Sensor	**pH/ORP**
Serial Number	22508
Last Calibrated	3/18/2025

Calibration Details

Total Calibration Points	3

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	160.5 mV
Temperature	9.98 °C

Calibration Point 2

pH of Buffer	7.06 pH
pH mV	-4.8 mV
Temperature	10.38 °C

Calibration Point 3

pH of Buffer	10.14 pH
pH mV	-172.1 mV
Temperature	10.26 °C

Slope and Offset 1

Slope	-54.01 mV/pH
Offset	-1.5 mV

Slope and Offset 2

Slope	-54.32 mV/pH
Offset	-1.5 mV

ORP

ORP Solution	ORP Standard
Offset	-20.1 mV
Temperature	9.91 °C

Calibration Report

Instrument	Aqua TROLL 400
Serial Number	1080302
Created	3/19/2025

Sensor	**RDO**
Serial Number	1078430
Last Calibrated	3/19/2025

Calibration Details

Slope	1.0671144
Offset	-0.00 mg/L

Calibration point 100%

Concentration	10.56 mg/L
Temperature	9.06 °C
Barometric Pressure	989.28 mbar

Sensor	**Conductivity**
Serial Number	1080302
Last Calibrated	3/19/2025

Calibration Details

Offset	0.00 µS/cm
Cell Constant	0.975
Reference Temperature	25.00 °C
TDS Conversion Factor (ppm)	0.65

Sensor	**Level**
Serial Number	1080275
Last Calibrated	Factory Defaults

Sensor	**pH/ORP**
Serial Number	22508
Last Calibrated	3/19/2025

Calibration Details

Total Calibration Points	3

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	162.4 mV
Temperature	11.84 °C

Calibration Point 2

pH of Buffer	7.06 pH
pH mV	-3.0 mV
Temperature	12.30 °C

Calibration Point 3

pH of Buffer	10.14 pH
pH mV	-173.0 mV
Temperature	12.31 °C

Slope and Offset 1

Slope	-54.06 mV/pH
Offset	0.2 mV

Slope and Offset 2

Slope	-55.18 mV/pH
Offset	0.3 mV

ORP

ORP Solution	ORP Standard
Offset	-13.5 mV
Temperature	12.12 °C

Calibration Report

Instrument	Aqua TROLL 400
Serial Number	1080302
Created	3/20/2025

Sensor	**RDO**
Serial Number	1078430
Last Calibrated	3/20/2025

Calibration Details

Slope	1.0479928
Offset	-0.00 mg/L

Calibration point 100%

Concentration	9.13 mg/L
Temperature	16.00 °C
Barometric Pressure	982.30 mbar

Sensor	**Conductivity**
Serial Number	1080302
Last Calibrated	3/20/2025

Calibration Details

Offset	0.00 µS/cm
Cell Constant	0.999
Reference Temperature	25.00 °C
TDS Conversion Factor (ppm)	0.65

Sensor	**Level**
Serial Number	1080275
Last Calibrated	Factory Defaults

Sensor	**pH/ORP**
Serial Number	22508
Last Calibrated	3/20/2025

Calibration Details

Total Calibration Points	3

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	164.1 mV
Temperature	17.41 °C

Calibration Point 2

pH of Buffer	7.04 pH
pH mV	-4.1 mV
Temperature	17.00 °C

Calibration Point 3

pH of Buffer	10.11 pH
pH mV	-172.4 mV
Temperature	17.40 °C

Slope and Offset 1

Slope	-55.33 mV/pH
Offset	-1.9 mV

Slope and Offset 2

Slope	-54.8 mV/pH
Offset	-2.0 mV

ORP

ORP Solution	ORP Standard
Offset	-3.5 mV
Temperature	17.63 °C

Calibration Report

Instrument	Aqua TROLL 400
Serial Number	1167968
Created	3/25/2025

Sensor	**RDO**
Serial Number	1170520
Last Calibrated	3/20/2025

Calibration Details

Slope	0.9327334
Offset	-0.00 mg/L

Calibration point 100%

Concentration	9.69 mg/L
Temperature	18.51 °C
Barometric Pressure	978.36 mbar

Sensor	**Conductivity**
Serial Number	1167968
Last Calibrated	3/25/2025

Calibration Details

Offset	0.00 µS/cm
Cell Constant	1.766
Reference Temperature	25.00 °C
TDS Conversion Factor (ppm)	0.65

Sensor	**Level**
Serial Number	1166813
Last Calibrated	Factory Defaults

Sensor	**pH/ORP**
Serial Number	22821
Last Calibrated	3/25/2025

Calibration Details

Total Calibration Points	3

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	163.7 mV
Temperature	14.24 °C

Calibration Point 2

pH of Buffer	7.00 pH
pH mV	-7.0 mV
Temperature	14.31 °C

Calibration Point 3

pH of Buffer	10.00 pH
pH mV	-174.4 mV
Temperature	14.93 °C

Slope and Offset 1

Slope	-56.89 mV/pH
Offset	-7.0 mV

Slope and Offset 2

Slope	-55.8 mV/pH
Offset	-7.0 mV

ORP

ORP Solution	ORP Standard
Offset	-11.9 mV
Temperature	14.30 °C

Calibration Report

Instrument	Aqua TROLL 400
Serial Number	1167968
Created	3/26/2025

Sensor	**RDO**
Serial Number	1170520
Last Calibrated	3/20/2025

Calibration Details

Slope	0.9327334
Offset	-0.00 mg/L

Calibration point 100%

Concentration	9.69 mg/L
Temperature	18.51 °C
Barometric Pressure	978.36 mbar

Sensor	**Conductivity**
Serial Number	1167968
Last Calibrated	3/25/2025

Calibration Details

Offset	0.00 µS/cm
Cell Constant	1.766
Reference Temperature	25.00 °C
TDS Conversion Factor (ppm)	0.65

Sensor	**Level**
Serial Number	1166813
Last Calibrated	Factory Defaults

Sensor	**pH/ORP**
Serial Number	22821
Last Calibrated	3/26/2025

Calibration Details

Total Calibration Points	3

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	166.9 mV
Temperature	19.71 °C

Calibration Point 2

pH of Buffer	7.02 pH
pH mV	-5.7 mV
Temperature	20.17 °C

Calibration Point 3

pH of Buffer	10.05 pH
pH mV	-180.0 mV
Temperature	20.22 °C

Slope and Offset 1

Slope	-57.15 mV/pH
Offset	-4.6 mV

Slope and Offset 2

Slope	-57.52 mV/pH
Offset	-4.6 mV

ORP

ORP Solution	Zobell's
Offset	5.0 mV
Temperature	19.59 °C

Calibration Report

Instrument	Aqua TROLL 400
Serial Number	1167968
Created	3/27/2025

Sensor	**RDO**
Serial Number	1170520
Last Calibrated	3/20/2025

Calibration Details

Slope	0.9327334
Offset	-0.00 mg/L

Calibration point 100%

Concentration	9.69 mg/L
Temperature	18.51 °C
Barometric Pressure	978.36 mbar

Sensor	**Conductivity**
Serial Number	1167968
Last Calibrated	3/25/2025

Calibration Details

Offset	0.00 µS/cm
Cell Constant	1.766
Reference Temperature	25.00 °C
TDS Conversion Factor (ppm)	0.65

Sensor	**Level**
Serial Number	1166813
Last Calibrated	Factory Defaults

Sensor	**pH/ORP**
Serial Number	22821
Last Calibrated	3/27/2025

Calibration Details

Total Calibration Points	3

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	165.7 mV
Temperature	19.67 °C

Calibration Point 2

pH of Buffer	7.02 pH
pH mV	-5.2 mV
Temperature	19.01 °C

Calibration Point 3

pH of Buffer	10.05 pH
pH mV	-178.1 mV
Temperature	19.18 °C

Slope and Offset 1

Slope	-56.58 mV/pH
Offset	-4.1 mV

Slope and Offset 2

Slope	-57.06 mV/pH
Offset	-4.1 mV

ORP

ORP Solution	Zobell's
Offset	1.0 mV
Temperature	19.45 °C

Calibration Report

Instrument	Aqua TROLL 400
Serial Number	1167968
Created	3/28/2025

Sensor	**RDO**
Serial Number	1170520
Last Calibrated	3/20/2025

Calibration Details

Slope	0.9327334
Offset	-0.00 mg/L

Calibration point 100%

Concentration	9.69 mg/L
Temperature	18.51 °C
Barometric Pressure	978.36 mbar

Sensor	**Conductivity**
Serial Number	1167968
Last Calibrated	3/25/2025

Calibration Details

Offset	0.00 µS/cm
Cell Constant	1.766
Reference Temperature	25.00 °C
TDS Conversion Factor (ppm)	0.65

Sensor	**Level**
Serial Number	1166813
Last Calibrated	Factory Defaults

Sensor	**pH/ORP**
Serial Number	22821
Last Calibrated	3/28/2025

Calibration Details

Total Calibration Points	3

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	165.4 mV
Temperature	17.71 °C

Calibration Point 2

pH of Buffer	7.02 pH
pH mV	-3.1 mV
Temperature	18.11 °C

Calibration Point 3

pH of Buffer	10.05 pH
pH mV	-176.2 mV
Temperature	17.91 °C

Slope and Offset 1

Slope	-55.79 mV/pH
Offset	-1.9 mV

Slope and Offset 2

Slope	-57.15 mV/pH
Offset	-1.9 mV

ORP

ORP Solution	Zobell's
Offset	-0.7 mV
Temperature	17.58 °C

Calibration Report

Instrument	Aqua TROLL 400
Serial Number	1167968
Created	4/1/2025

Sensor	**RDO**
Serial Number	1170520
Last Calibrated	3/20/2025

Calibration Details

Slope	0.9327334
Offset	-0.00 mg/L

Calibration point 100%

Concentration	9.69 mg/L
Temperature	18.51 °C
Barometric Pressure	978.36 mbar

Sensor	**Conductivity**
Serial Number	1167968
Last Calibrated	3/25/2025

Calibration Details

Offset	0.00 µS/cm
Cell Constant	1.766
Reference Temperature	25.00 °C
TDS Conversion Factor (ppm)	0.65

Sensor	**Level**
Serial Number	1166813
Last Calibrated	Factory Defaults

Sensor	**pH/ORP**
Serial Number	22821
Last Calibrated	4/1/2025

Calibration Details

Total Calibration Points	3

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	161.6 mV
Temperature	13.69 °C

Calibration Point 2

pH of Buffer	7.04 pH
pH mV	-2.1 mV
Temperature	15.04 °C

Calibration Point 3

pH of Buffer	10.11 pH
pH mV	-175.6 mV
Temperature	15.71 °C

Slope and Offset 1

Slope	-53.85 mV/pH
Offset	0.1 mV

Slope and Offset 2

Slope	-56.52 mV/pH
Offset	0.2 mV

ORP

ORP Solution	Zobell's
Offset	-1.5 mV
Temperature	15.88 °C

Calibration Report

Instrument	Aqua TROLL 400
Serial Number	1167968
Created	4/2/2025

Sensor	**RDO**
Serial Number	1170520
Last Calibrated	3/20/2025

Calibration Details

Slope	0.9327334
Offset	-0.00 mg/L

Calibration point 100%

Concentration	9.69 mg/L
Temperature	18.51 °C
Barometric Pressure	978.36 mbar

Sensor	**Conductivity**
Serial Number	1167968
Last Calibrated	3/25/2025

Calibration Details

Offset	0.00 µS/cm
Cell Constant	1.766
Reference Temperature	25.00 °C
TDS Conversion Factor (ppm)	0.65

Sensor	**Level**
Serial Number	1166813
Last Calibrated	Factory Defaults

Sensor	**pH/ORP**
Serial Number	22821
Last Calibrated	4/2/2025

Calibration Details

Total Calibration Points	3

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	162.3 mV
Temperature	20.04 °C

Calibration Point 2

pH of Buffer	7.02 pH
pH mV	-3.0 mV
Temperature	20.92 °C

Calibration Point 3

pH of Buffer	10.05 pH
pH mV	-175.4 mV
Temperature	21.44 °C

Slope and Offset 1

Slope	-54.74 mV/pH
Offset	-1.9 mV

Slope and Offset 2

Slope	-56.91 mV/pH
Offset	-1.8 mV

ORP

ORP Solution	Zobell's
Offset	-1.2 mV
Temperature	21.47 °C

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley AP-1 Date: 4-29-25

Calibrated By: D. Johnson Field Conditions: 68°, F; Cloudy

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Troll 500	1183949
Turbidity Meter	HACH	22080D CC01127

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	4GL0127	5/26	PINE
pH (SU)	7.00	4GJ0127	10/26	PINE
pH (SU)	10.00	4GL0600	3/26	PINE
Specific Conductance (µS/cm)	1,413	1GL0482	3/26	PINE
ORP (mV)	240.0	5GA0447	10/25	PINE

	Standard	**Lot #**	**Date of Expiration**	**Brand**
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	AA172	9-25	HACH
	20	AA183	10-25	HACH
	100	AA179	10-25	HACH

Calibration					
Time Start: 0920		**Time Finish:** 0935			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	101.65	20.72	± 10%	EPA 2023
pH (SU)	4.00	4.00	23.59	± 0.1	GWMP
pH (SU)	7.00	7.00	23.23	± 0.1	GWMP
pH (SU)	10.00	10.00	23.74	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1453	22.86	± 10% of standard	NA
ORP (mV)	240.0	242.8	23.13	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.18	± 10% of standard	EPA 2023
	10	9.98		
	20	20.6		
	100	98.6		

Calibration Check					
Time Start 1337		**Time Finish** 1343			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.02	25.37	± 0.1	GWMP
pH (SU)	7.00	7.00	25.36	± 0.1	GWMP
pH (SU)	10.00	10.04	25.80	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1427	25.11	± 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	20.6		
	100	101		

Notes:

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley AP-1 Date: 4/30/25

Calibrated By: D. Johnson Field Conditions: 69°F, Sunny.

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Troll 500	1183949
Turbidity Meter	Hach	220800cx0127

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	4GE0127	5/26	PINE
pH (SU)	7.00	4GJ0127	10/26	PINE
pH (SU)	10.00	4GC0600	3/26	PINE
Specific Conductance (µS/cm)	1,413	4GC0482	3/26	PINE
ORP (mV)	240.0	5GA0447	10/25	PINE

	Standard	**Lot #**	**Date of Expiration**	**Brand**
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A4172	9-25	HACH
	20	A4183	10-25	HACH
	100	A4179	10-25	HACH

Calibration					
Time Start: 0920		**Time Finish:** 0931			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	102.48	26.13	± 10%	EPA 2023
pH (SU)	4.00	4.00	24.11	± 0.1	GWMP
pH (SU)	7.00	7.00	20.08	± 0.1	GWMP
pH (SU)	10.00	10.00	24.28	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1420	24.16	± 10% of standard	NA
ORP (mV)	240.0	238.1	24.23	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.18	± 10% of standard	EPA 2023
	10	9.93		
	20	19.8		
	100	99.1		

Calibration Check					
Time Start 1155		**Time Finish** 1200			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.01	26.32	± 0.1	GWMP
pH (SU)	7.00	7.03	26.30	± 0.1	GWMP
pH (SU)	10.00	10.00	26.47	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1410	26.35	± 10% of standard	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.20	± 10% of standard	EPA 2023
	10	10.0		
	20	20.1		
	100	100		

Notes:

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley AP-1 Date: 5/1/25

Calibrated By: D. Johnson Field Conditions: Cloudy, 70°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Troll 500	1183949
Turbidity Meter	Hach	22080D001127

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	YG80127	5/26	PINE
pH (SU)	7.00	YG3U27	10/26	PINE
pH (SU)	10.00	YG70482	3/26	PINE
Specific Conductance (µS/cm)	1,413	YGL600	3/26	PINE
ORP (mV)	240.0	SGA0447	10/25	PINE

	Standard	**Lot #**	**Date of Expiration**	**Brand**
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A4172	9/25	HACH
	20	A4183	10/25	HACH
	100	A4179	10/25	HACH

Calibration					
Time Start: 0825		**Time Finish:** 0838			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.07	24.23	± 10%	EPA 2023
pH (SU)	4.00	4.00	24.20	± 0.1	GWMP
pH (SU)	7.00	7.00	24.19	± 0.1	GWMP
pH (SU)	10.00	10.00	24.11	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1418	24.20	± 10% of standard	NA
ORP (mV)	240.0	239.0	23.45	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.19	± 10% of standard	EPA 2023
	10	10.1		
	20	20.3		
	100	97.7		

Calibration Check					
Time Start 1104		**Time Finish** 1110			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.01	25.06	± 0.1	GWMP
pH (SU)	7.00	7.00	25.10	± 0.1	GWMP
pH (SU)	10.00	10.03	25.08	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1415	25.11	± 10% of standard	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.18	± 10% of standard	EPA 2023
	10	10.0		
	20	20.2		
	100	101		

Notes:

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley

Date: 5/7/25

Calibrated By: J. Bearfield

Field Conditions: Light Rain

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	118 3974
Turbidity Meter	HACH 2100Q	22080D001127

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
D.O. (%)	N/A	DI H_2O	—	—
pH (SU)	4.00	4661238	7/26	Pine
pH (SU)	7.00	46E0915	9/26	Pine
pH (SU)	10.00	46C0600	3/26	Pine
Specific Conductance (µS/cm)	1,413	46H0240	8/25	Pine
ORP (mV)	240.0	56A0447	10/25	Pine

	Standard	**Lot #**	**Date of Expiration**	**Brand**
Turbidity (NTU)	0	DI H_2O	NA —	NA —
	10	A4172	9/25	HACH
	20	A4183	10/25	HACH
	100	A4179	10/25	HACH

Calibration					
Time Start: 0931		**Time Finish:** 0945			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.0	19.65	± 10%	EPA 2023
pH (SU)	4.00	4.00	20.04	± 0.1	GWMP
pH (SU)	7.00	7.02	19.82	± 0.1	GWMP
pH (SU)	10.00	10.05	19.41	± 0.1	GWMP
Specific Conductance (µS/cm)	~~1413~~ 1284	1284	19.64	± 10% of standard	NA
ORP (mV)	240.0	235	19.98	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.19	± 10% of standard	EPA 2023
	10	9.92		
	20	20.4		
	100	99		

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			

Notes:

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley

Date: 5/8/25

Calibrated By: J. Bransford

Field Conditions: cloudy

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	1183974
Turbidity Meter	HACH 2100 Q	220300 001127

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
D.O. (%)	N/A	DI H_2O	—	—
pH (SU)	4.00	4661238	7/26	Pine
pH (SU)	7.00	4GI0915	9/26	Pine
pH (SU)	10.00	4GC0600	3/26	Pine
Specific Conductance (µS/cm)	1,413	4H60240	8/25	Pine
ORP (mV)	240.0	5GA0447	10/25	Pine

	Standard	**Lot #**	**Date of Expiration**	**Brand**
Turbidity (NTU)	0	DI H_2O	NA	—
	10	A4172	9/25	HACH
	20	A4183	10/25	HACH
	100	A4179	10/25	HACH

Calibration					
Time Start: 0968		**Time Finish:** 0925			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.0	20.62	± 10%	EPA 2023
pH (SU)	4.00	4.00	20.89	± 0.1	GWMP
pH (SU)	7.00	7.02	20.84	± 0.1	GWMP
pH (SU)	10.00	10.05	21.05	± 0.1	GWMP
Specific Conductance (µS/cm)	~~1413~~ 1284	1284	21.04	± 10% of standard	NA
ORP (mV)	~~240.0~~ 234	234	21.08	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.16	± 10% of standard	EPA 2023
	10	9.96		
	20	20.6		
	100	98		

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			

Notes:

Calibration Report

Instrument	Aqua TROLL 500
Serial Number	1183974
Created	5/21/2025

Sensor	**Conductivity**
Serial Number	1181657
Last Calibrated	5/21/2025

Calibration Details

TDS Conversion Factor (ppm)	0.65
Cell Constant	0.84
Offset	0.00 µS/cm
Reference Temperature	25.00 °C

Calibration Point 1

Pre Measurement

Actual Conductivity	1,233.1 µS/cm
Specific Conductivity	1,228.5 µS/cm

Post Measurement

Actual Conductivity	1,418.3 µS/cm
Specific Conductivity	1,413.0 µS/cm

Sensor	**pH/ORP**
Serial Number	1113189
Last Calibrated	5/21/2025

Calibration Details

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	159.2 mV
Temperature	25.46 °C

Pre Measurement

pH	3.86 pH
pH mV	159.2 mV

Post Measurement

pH	4.00 pH
pH mV	159.5 mV

Calibration Point 2

pH of Buffer	7.00 pH
pH mV	-14.0 mV
Temperature	25.21 °C

Pre Measurement

pH	7.26 pH
pH mV	-14.0 mV

Post Measurement

pH	7.00 pH
pH mV	-14.0 mV

Calibration Point 3

pH of Buffer	10.00 pH
pH mV	-189.4 mV
Temperature	25.37 °C

Pre Measurement

pH	10.38 pH
pH mV	-189.5 mV

Post Measurement

pH	10.00 pH
pH mV	-189.6 mV

Slope and Offset 1

Slope	-57.76 mV/pH
Offset	-14.0 mV

Slope and Offset 2

Slope	-58.46 mV/pH

Offset	-14.0 mV

ORP

ORP Solution	ORP Standard
Offset	23.3 mV
Temperature	24.81 °C
Pre Measurement	209.5 mV
Post Measurement	240.0 mV

Sensor	**RDO**
Serial Number	1174882
Last Calibrated	5/21/2025

Calibration Details

Slope	1.0215076
Offset	-0.00 mg/L

Calibration point 100%

Concentration	7.66 mg/L
Pre Measurement	98.56 %Sat
Post Measurement	100.00 %Sat
Temperature	26.30 °C
Barometric Pressure	984.00 mbar

Calibration Report

Instrument	Aqua TROLL 500
Serial Number	1183974
Created	5/22/2025

Sensor	**Conductivity**
Serial Number	1181657
Last Calibrated	5/22/2025

Calibration Details

TDS Conversion Factor (ppm)	0.65
Cell Constant	0.872
Offset	0.00 µS/cm
Reference Temperature	25.00 °C

Calibration Point 1

Pre Measurement

Actual Conductivity	1,260.3 µS/cm
Specific Conductivity	1,362.1 µS/cm

Post Measurement

Actual Conductivity	1,307.4 µS/cm
Specific Conductivity	1,413.0 µS/cm

Sensor	**pH/ORP**
Serial Number	1113189
Last Calibrated	5/22/2025

Calibration Details

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	156.2 mV
Temperature	21.22 °C

Pre Measurement

pH	4.01 pH
pH mV	156.2 mV

Post Measurement

pH	4.00 pH
pH mV	154.2 mV

Calibration Point 2

pH of Buffer	7.02 pH
pH mV	-15.8 mV
Temperature	21.07 °C

Pre Measurement

pH	7.03 pH
pH mV	-16.2 mV

Post Measurement

pH	7.02 pH
pH mV	-15.6 mV

Calibration Point 3

pH of Buffer	10.05 pH
pH mV	-189.2 mV
Temperature	20.97 °C

Pre Measurement

pH	10.04 pH
pH mV	-188.9 mV

Post Measurement

pH	10.05 pH
pH mV	-186.6 mV

Slope and Offset 1

Slope	-56.94 mV/pH
Offset	-14.7 mV

Slope and Offset 2

Slope	-57.22 mV/pH

Offset	-14.6 mV

ORP

ORP Solution	Zobell's
Offset	13.0 mV
Temperature	20.66 °C
Pre Measurement	245.1 mV
Post Measurement	234.8 mV

Sensor	**RDO**
Serial Number	1174882
Last Calibrated	5/22/2025

Calibration Details

Slope	1.0096011
Offset	-0.00 mg/L

Calibration point 100%

Concentration	8.29 mg/L
Pre Measurement	101.24 %Sat
Post Measurement	100.00 %Sat
Temperature	23.01 °C
Barometric Pressure	989.65 mbar

APPENDIX D

Certified Well Survey Data

Plant Wansley Carrolton County, Georgia						
Monitoring Well survey and Soil Boring						
Well ID	Casing	Casing	Top of Casing	Nail or Pad	Nail or Pad	Nail or Pad
	Northing	Easting	Elevation	Northing	Easting	Elevation
WGWC-30	1240032.727	2022624.285	815.203	1240032.651	2022623.081	812.443
WGWC-31D	1240831.553	2027168.065	814.613	1240830.770	2027168.031	811.793
WGWC-31S	1240831.576	2027173.435	814.693	1240830.639	2027173.517	811.743
WGWC-32	1241721.241	2028131.515	810.228	1241720.732	2028132.355	807.698
WGWC-33	1242764.834	2029104.255	812.093	1242763.820	2029104.994	809.713
WGWC-34D	1245303.302	2027822.224	806.038	1245304.053	2027822.890	806.313
WGWC-34S	1245294.991	2027830.717	805.768	1245295.508	2027831.621	806.278
WGWC-35D	1244985.871	2028140.126	806.023	1244986.643	2028140.920	806.273
WGWC-35S	1244973.255	2028152.746	805.953	1244973.881	2028153.404	806.238
WGWC-36D	1244524.680	2028595.964	805.563	1244525.364	2028596.522	805.813
WGWC-36S	1244517.478	2028601.760	805.618	1244518.646	2028602.803	805.813
WGWC-38D	1243855.622	2029276.990	806.148	1243856.137	2029277.479	806.373
WGWC-38S	1243844.644	2029287.399	806.068	1243845.493	2029288.344	806.323

Boring	Northing	Easting	Elevation
GSD1	1245312.899	2027812.522	806.104
GSD2	1245346.828	2027776.536	805.890
SB24	1239924.129	2024156.045	802.124

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 Sokia level.

4/9/2025

Johnny E. Holley — date

Georgia Registration Number LS003550

Thompson Engineering Certificate of Authorization LSF-1151



Geosyntec consultants

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

DATE: October 22, 2025

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

FROM: Dalton Kegley, P.G.[1], Geosyntec Consultants
Joe Ivanowski, P.G.[1], Geosyntec Consultants
Jeremy Gasser, P.E.[1], Geosyntec Consultants

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

INTRODUCTION

On behalf Georgia Power Company (Georgia Power), Geosyntec Consultants (Geosyntec) has prepared this *Piezometer Abandonment Summary Memorandum* for the Georgia Environmental Protection Division (GA EPD) to summarize piezometer abandonment activities at the Plant Wansley Ash Pond 1 (AP-1) conducted on August 28, 2025. The piezometers were abandoned to facilitate ongoing construction activities within AP-1, and the abandonments were completed in general accordance with the *Georgia Water Well Standards Act* (OCGA § 12-5-120 through 138) and the Plant Wansley-Ash Pond 1 (AP-1) Groundwater Monitoring Plan, which is approved by GA EPD.

Abandonment activities were performed by Civil Field Services (CFS) of Calhoun County, Alabama in accordance with the *Georgia Water Well Standards Act* under the supervision of a Profession Geologist. CFS 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.

PIEZOMETER ABANDONMENT

A total of six (6) piezometers (PZA1-S, PZA1-M, PZA1-D, PZA2-S, PZA2-M, and PZA2-D) were abandoned by CFS within the AP-1 Boundary. The work was completed under the direction and supervision of a Geosyntec professional geologist licensed in the State of Georgia.

The locations of the abandoned piezometers are presented on **Figure 1**. Piezometer construction and abandonment details are presented in **Table 1**. All piezometers were constructed of 2-inch diameter polyvinyl chloride (PVC) well screen and riser installed in a 4.25-inch diameter borehole. PZA1-S, PZA1-M, PZA1-D, PZA2-S, PZA2-M, and PZA2-D were installed entirely within coal combustion residuals (CCR). Water levels and total piezometer depths were measured and recorded to calculate the estimated volumes of grout needed before initiating abandonment procedures for a given piezometer. The piezometers were abandoned by tremie grouting the PVC riser pipe in place with AQUAGUARD ®, a bentonite grout slurry, to ground surface, after which the surface completions were removed. The PVC risers will be progressively cut off as excavation in the area advances.

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 AQUAGUARD ®.

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

Sincerely,

Dalton Kegley, P.G.
Geologist

Jeremy Gasser, P.E.
Senior Principal Engineer

*****

ENCLOSURES

Table 1 – Summary Details of Abandoned Piezometers

Figure 1 – Piezometer Abandonment Locations

Attachment A – Bond for Drillers

Attachment B – Piezometer Abandonment Logs

Georgia Power

CERTIFICATION PAGE

I hereby certify that this *Piezometer 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: October 22, 2025

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

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

Piezometer 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)	Piezometer 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)
PZA1-S	4/11/2016	1243376.00	2027891.00	819.64	823.14	5	58.78	31.03	55	8/28/2025	10	12
PZA1-M	4/11/2016	1243384.00	2027896.00	819.64	823.14	5	72.89	31.01	70	8/28/2025	12	18
PZA1-D	4/11/2016	1243369.00	2027886.00	819.64	823.14	5	102.74	31.73	99	8/28/2025	17	20
PZA2-S	4/12/2016	1243318.00	2028416.00	819.64	823.14	5	58.34	30.86	55	8/28/2025	10	12
PZA2-M	4/12/2016	1243321.00	2028412.00	819.64	823.14	5	79.71	31.02	77	8/28/2025	13	16
PZA2-D	4/12/2016	1243330.00	2028405.00	819.64	823.14	5	99.85	31.68	95	8/28/2025	16	19

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 piezometer depth measured prior to abandonment.
(4) Abandonment date indicates date of grouting in place.
(5) Abandonment via tremie grouting the well casing with aquaguard to ground surface. Once grouted, surface completions were removed.



N

Legend

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



Notes:
1. Abandonment via tremie grouting the well casing with aquaguard to ground surface. Once grouted, surface completions were removed.
2. Service Layer Credit Sources:
 - Immediate vicinity of AP-1: SAM LLC, June 24, 2025.
 - Surrounding area: SAM LLC, January 30, 2024, and .

0 100 200 400

SCALE IN FEET

PIEZOMETER ABANDONMENT LOCATIONS

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

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | OCTOBER 2025

FIGURE 1

ATTACHMENT A

Bond for Drillers

CONTINUATION
CERTIFICATE

Safeco Insurance Company of America , Surety upon

a certain Bond No. **4993104**

dated effective June 30, 1987
(MONTH-DAY-YEAR)

on behalf of Southern Company Services, Inc.
(PRINCIPAL)

and in favor of Georgia Department of Natural Resources, Environmental Protection Divison
(OBLIGEE)

does hereby continue said bond in force for the further period

beginning on June 30, 2025
(MONTH-DAY-YEAR)

and ending on June 30, 2027
(MONTH-DAY-YEAR)

Amount of bond Fifteen Thousand and 00/100 Dollars ($15,000.00)

Description of bond Water Well Contractors & Drillers

Premium: $100.00

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

Signed and dated on May 19, 2025
(MONTH-DAY-YEAR)
Safeco Insurance Company of America
175 Berkeley Street, Boston, MA 02116

By _____
Attorney-in-Fact Jeffrey M. Wilson

McGriff Insurance Services, A Marsh & McLennan Agency LLC Company
Agent

2000 International Park Drive, Suite 600, Birmingham, AL 35243
Address of Agent

(205) 252-9871
Telephone Number of Agent

S-0157/GE 8/08

XDP

Liberty Mutual. SURETY

POWER OF ATTORNEY

Certificate No: **8213598-016032**

American States Insurance Company
First National Insurance Company of America
General Insurance Company of America
Safeco Insurance Company of America

KNOWN ALL PERSONS BY THESE PRESENTS: That American States Insurance Company is a corporation duly organized under the laws of the State of Indiana, that First National Insurance Company of America, General Insurance Company of America, and Safeco Insurance Company of America are corporations duly organized under the laws of the State of New Hampshire (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Alisa B. Ferris; Anna Childress; Jeffrey M. Wilson; Mark W. Edwards, II; Richard H. Mitchell; Robert R. Freel; Samuel F. Audia, III; William M. Smith

all of the city of Birmingham state of AL each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 3rd day of April, 2025.

American States Insurance Company
First National Insurance Company of America
General Insurance Company of America
Safeco Insurance Company of America

By: _____
Nathan J. Zangerle, Assistant Secretary

State of PENNSYLVANIA
County of MONTGOMERY ss

On this 3rd day of April, 2025 before me personally appeared Nathan J. Zangerle, who acknowledged himself to be the Assistant Secretary of American States Insurance Company, First National Insurance Company of America, General Insurance Company of America, and Safeco Insurance Company of America, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.

Commonwealth of Pennsylvania - Notary Seal
Teresa Pastella, Notary Public
Montgomery County
My commission expires March 28, 2029
Commission number 1126044
Member, Pennsylvania Association of Notaries

By: _____
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-law and Authorizations of American States Insurance Company, First National Insurance Company of America, General Insurance Company of America, and Safeco Insurance Company of America, which are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS: Section 12. Power of Attorney.
Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorney-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes Nathan J. Zangerle, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, of American States Insurance Company, First National Insurance Company of America, General Insurance Company of America, and Safeco Insurance Company of America do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 19th day of May, 2025.

By: _____
Renee C. Llewellyn, Assistant Secretary

LMS-12874 ASIC FNICA GICA SICA 09/24

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

For bond and/or Power of Attorney (POA) verification inquiries, please call 610-832-8240 or email HOSUR@libertymutual.com.

ATTACHMENT B

Piezometer Abandonment Logs

Well Abandonment Field Form

Project Name: Plant Wansley Phase 0 CQA

Well ID: PZA1-S

Project No.: GW10557

Drilling Co.: Civil Field Services

Geosyntec Rep: Lionel Francois

Driller: Sean Denty

Date of Abandonment: 8/28/25

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

Total Depth of Well: 58.78 ft from Top of Casing

Water Level: 31.03 ft from Top of Casing

Total Volume of Grout Used:

Grouting of Well Casing: 12 gallons

Grout Mixture:

2 Bags of Bentonite Used (50 lbs. each)

30 Gallons of Water Used

Bentonite Brand: AQUAGUARD

Notes:

Surface completion removed post grouting in place of the PVC riser. PVC riser will be progressively removed as construction/excavation advances.

Well Abandonment Field Form

Project Name: Plant Wansley Phase 0 CQA

Well ID: PZA1-M

Project No.: GW10557

Drilling Co.: Civil Field Services

Geosyntec Rep: Lionel Francois

Driller: Sean Denty

Date of Abandonment: 8/28/25

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

Total Depth of Well: 72.89 ft from Top of Casing

Water Level: 31.01 ft from Top of Casing

Total Volume of Grout Used:

Grouting of Well Casing: 18 gallons

Grout Mixture:

2 Bags of Bentonite Used (50 lbs. each)

30 Gallons of Water Used

Bentonite Brand: AQUAGUARD

Notes:

Surface completion removed post grouting in place of the PVC riser. PVC riser will be progressively removed as construction/excavation advances.

Well Abandonment Field Form

Project Name: Plant Wansley Phase 0 CQA

Well ID: PZA1-D

Project No.: GW10557

Drilling Co.: Civil Field Services

Geosyntec Rep: Lionel Francois

Driller: Sean Denty

Date of Abandonment: 8/28/25

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

Total Depth of Well: 102.74 ft from Top of Casing

Water Level: 31.73 ft from Top of Casing

Total Volume of Grout Used:

Grouting of Well Casing: 20 gallons

Grout Mixture:

2 Bags of Bentonite Used (50 lbs. each)

30 Gallons of Water Used

Bentonite Brand: AQUAGUARD

Notes:

Surface completion removed post grouting in place of the PVC riser. PVC riser will be progressively removed as construction/excavation advances.

Well Abandonment Field Form

Project Name: Plant Wansley Phase 0 CQA

Well ID: PZA2-S

Project No.: GW10557

Drilling Co.: Civil Field Services

Geosyntec Rep: Lionel Francois

Driller: Sean Denty

Date of Abandonment: 8/28/25

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

Total Depth of Well: 58.34 ft from Top of Casing

Water Level: 30.86 ft from Top of Casing

Total Volume of Grout Used:

Grouting of Well Casing: 12 gallons

Grout Mixture:

2 Bags of Bentonite Used (50 lbs. each)

30 Gallons of Water Used

Bentonite Brand: AQUAGUARD

Notes:

Surface completion removed post grouting in place of the PVC riser. PVC riser will be progressively removed as construction/excavation advances.

Well Abandonment Field Form

Project Name: Plant Wansley Phase 0 CQA

Well ID: PZA2-M

Project No.: GW10557

Drilling Co.: Civil Field Services

Geosyntec Rep: Lionel Francois

Driller: Sean Denty

Date of Abandonment: 8/28/25

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

Total Depth of Well: 79.71 ft from Top of Casing

Water Level: 31.02 ft from Top of Casing

Total Volume of Grout Used:

Grouting of Well Casing: 16 gallons

Grout Mixture:

2 Bags of Bentonite Used (50 lbs. each)

30 Gallons of Water Used

Bentonite Brand: AQUAGUARD

Notes:

Surface completion removed post grouting in place of the PVC riser. PVC riser will be progressively removed as construction/excavation advances.

Well Abandonment Field Form

Project Name: Plant Wansley Phase 0 CQA

Well ID: PZA2-D

Project No.: GW10557

Drilling Co.: Civil Field Services

Geosyntec Rep: Lionel Francois

Driller: Sean Denty

Date of Abandonment: 8/28/25

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

Total Depth of Well: 99.85 ft from Top of Casing

Water Level: 31.68 ft from Top of Casing

Total Volume of Grout Used:

Grouting of Well Casing: 19 gallons

Grout Mixture:

2 Bags of Bentonite Used (50 lbs. each)

30 Gallons of Water Used

Bentonite Brand: AQUAGUARD

Notes:

Surface completion removed post grouting in place of the PVC riser. PVC riser will be progressively removed as construction/excavation advances.

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 GW11293

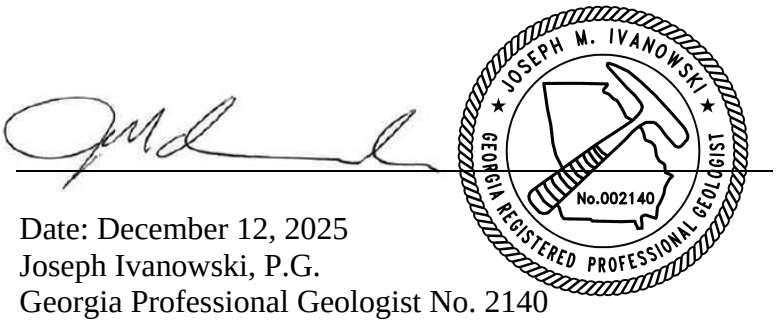
December 2025

Georgia Power

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: December 12, 2025
Joseph Ivanowski, P.G.
Georgia Professional Geologist No. 2140
Principal Geologist
Geosyntec Consultants

Geosyntec
consultants

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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
NAD	North America Datum
NAVD	North American Vertical Datum
NSF	National Sanitation Foundation
ORP	oxygen reduction potential
PVC	polyvinyl chloride
TOC	top of casing
SPT	Standard Penetration Test
US EPA	United States Environmental Protection Agency

1. INTRODUCTION

This report provides details regarding the design, installation, and development of one (1) detection monitoring well[1] (WGWC-8A) at Georgia Power Company (Georgia Power) Plant Wansley (Site) Ash Pond 1 (AP-1). WGWC-8A will replace monitoring well WGWC-8 per Georgia Environmental Protection Division (GA EPD) comments provided in the approval of the Minor Modification to revise the AP-1 permit boundary (GEOS ID 939187). WGWC-8 will be redesignated as a piezometer and water level data from this well will continue to be used to generate potentiometric surface maps.

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 detection monitoring well is shown on **Figure 1**.

[1] For the purposes of this report, unless otherwise specified, the term "well" will be used interchangeably with "piezometer".

2. DRILLING AND WELL INSTALLATION

Well installation and development activities were performed in general accordance with the *Georgia Water Well Standards Act* (OCGA § 12-5-120 through 138) and the Plant Wansley-Ash Pond 1 (AP-1) Groundwater Monitoring Plan, which is approved by GA EPD. 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 these bonds 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 October 2025. 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-8A 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 well screen interval are provided in **Table 1**. The well is screened from approximately 735.08 to 725.08 feet elevation [referenced to the North American Vertical Datum of 1988 (NAVD 88)] using a 10-foot well screen segment.

2.3 Well Casings and Screens

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. 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

FilterSil Sand manufactured by Covia Corporation 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. The depth of the 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 time-release-coated 3/8-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-8A 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 well vault. The pad was mounded slightly outward to direct surface drainage away from the wells.

2.7 Cap and Protective Casing

The well riser for WGWC-8A 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 WGWC-8A 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 locations and vertical elevations of the newly installed detection monitoring well was surveyed by Thompson Engineering, a Georgia-licensed surveyor and certified on October 31, 2025. 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 detection monitoring well is provided in **Appendix D.**

5. REFERENCES

Geosyntec, 2025. *Groundwater Monitoring Plan – Plant Wansley Ash Pond 1 (AP-1). Rev 0.* February 2025.

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

TABLES

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-8A	Downgradient of AP-1	10/22/2025	1243131.88	2029522.99	803.72	806.60	735.72	725.72	78.33

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 October 31, 2025.
(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.

FIGURES



N

Legend

- Detection Monitoring Well (WGWC-8 Replacement)
- Piezometer
- Approximate AP-1 Boundary
- AP-1 Permit Boundary

Note:
1. Detection Monitoring Well WGWC-8A was installed October 22, 2025.
2. Detection Monitoring Well WGWC-8 was reclassified as a piezometer in accordance with the Georgia Environmental Protection Division letter dated September 10, 2025.
3. Service Layer Credit Sources:
 - Immediate vicinity of AP-1: SAM LLC, June 24, 2025.
 - Surrounding area: SAM LLC, January 30, 2024, and Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community.

0 25 50 100

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 | DECEMBER 2025

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 and 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 Logs

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

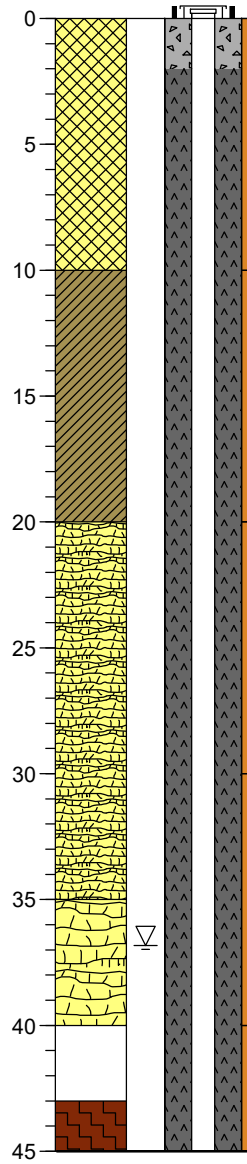
NOTES:

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Client: Southern Company Services
Project: Plant Wansley Well Installation
Address: 1371 Liberty Church Rd, Carrollton, GA

WELL LOG
Well No. WGWC-8A
Page: 1 of 2

Drilling Start Date:	**10/21/2025**	Boring Depth (ft):	**85**	Well Depth (ft bgs):	**78.33**
Drilling End Date:	**10/22/2025**	Boring Diameter (in):	**4x6**	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 btoc):	**39.7**	Riser Material:	**Sch 40 PVC**
Drilling Equipment:	**Terrasonic TSI-150CC**	Ground Surface Elev. (ft):	**803.721**	Screen Material:	**Sch 40 PVC U-Pack**
Driller:	**M. Herron**	Top of Casing Elev. (ft):	**806.596**	Seal Material(s):	**Grout, Bentonite**
Logged By:	**A. Dwomoh**	North,East (ft):	**1243131.876, 2029522.99**	Filter Pack:	**#20/40 Sand**



DEPTH (FT)	Sample Type	Blow Counts	Recovery (%)	N Value	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD88)
0	CO	--	90	--	(0') FILL; graded aggregate base (GAB) material consisting of gravel and crushed stones. (1') Sandy CLAY (CL); light to dark brown, dry, low plasticity, micaceous (FILL).	800
5						795
10	CO	--	95	--	(10') Sandy CLAY (CL); reddish brown, dry, low to medium plasticity, micaceous, saprolite, trace rock structure. (15') Same as above.	790
15						785
20	CO	--	100	--	(20') SAPROLITE; reddish brown, medium plasticity, clay, medium to fine-grained. (25') SAPROLITE; reddish brown, moist, stiff, medium plasticity, clay, trace silt.	780
25						775
30	CO	--	90	--	(30') SAPROLITE; yellow brown, moist, medium plasticity, clay; trace mica. (35') PARTIALLY WEATHERED ROCK (PWR); white gray, moist, pulverized rock/fragments trace fine sand.	770
35						765
40	CO	--	30	--	(40') No recovery. (43') QUARTZITE; light gray to brown with iron staining, rough granular surface, medium to coarse grained, less competent rock, visible striations, top of quartzite	760
45						

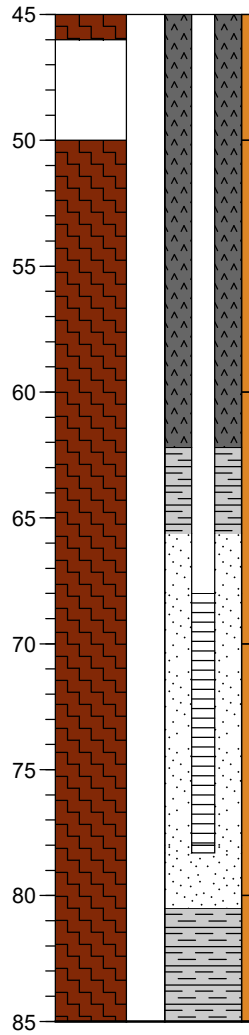
NOTES: Boring backfilled from 85-80.5 ft bgs with bentonite pellets prior to well installation. Well sealed with bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and aboveground (+2.88 ft) PVC stickup with metal protective cover and guard posts set in 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.

Geosyntec consultants
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Client: Southern Company Services
Project: Plant Wansley Well Installation
Address: 1371 Liberty Church Rd, Carrollton, GA

WELL LOG
Well No. WGWC-8A
Page: 2 of 2

Drilling Start Date:	**10/21/2025**	Boring Depth (ft):	**85**	Well Depth (ft bgs):	**78.33**
Drilling End Date:	**10/22/2025**	Boring Diameter (in):	**4x6**	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 btoc):	**39.7**	Riser Material:	**Sch 40 PVC**
Drilling Equipment:	**Terrasonic TSI-150CC**	Ground Surface Elev. (ft):	**803.721**	Screen Material:	**Sch 40 PVC U-Pack**
Driller:	**M. Herron**	Top of Casing Elev. (ft):	**806.596**	Seal Material(s):	**Grout, Bentonite**
Logged By:	**A. Dwomoh**	North,East (ft):	**1243131.876, 2029522.99**	Filter Pack:	**#20/40 Sand**



DEPTH (FT)	Sample Type	Blow Counts	Recovery (%)	N Value	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD88)
45					encountered from 42-43 ft bgs.	
	CO	--	30	--	(46') No recovery.	755
50	CO	--	75	--	(50') QUARTZITE; white gray with minimal iron staining, rough surface, less competent, fractured.	750
55						
						745
60	CO	--	70	--	(60') QUARTZITE; white gray to light brown with minimal iron staining, medium to coarse grained, less competent, weak foliations, fractured.	740
65						
						735
70	CO	--	65	--	(70') QUARTZITE; light to dark gray with minimal iron staining, fine to medium grained, rough surface with small interlocking mineral grains, less competent, fractured.	730
75						
						725
80	CO	--	90	--	(79') GNEISS; top of gneiss rock. (80') Dark gray with visible banding, fine to medium grained, moderately fractured.	720
85					(85') Boring terminated.	

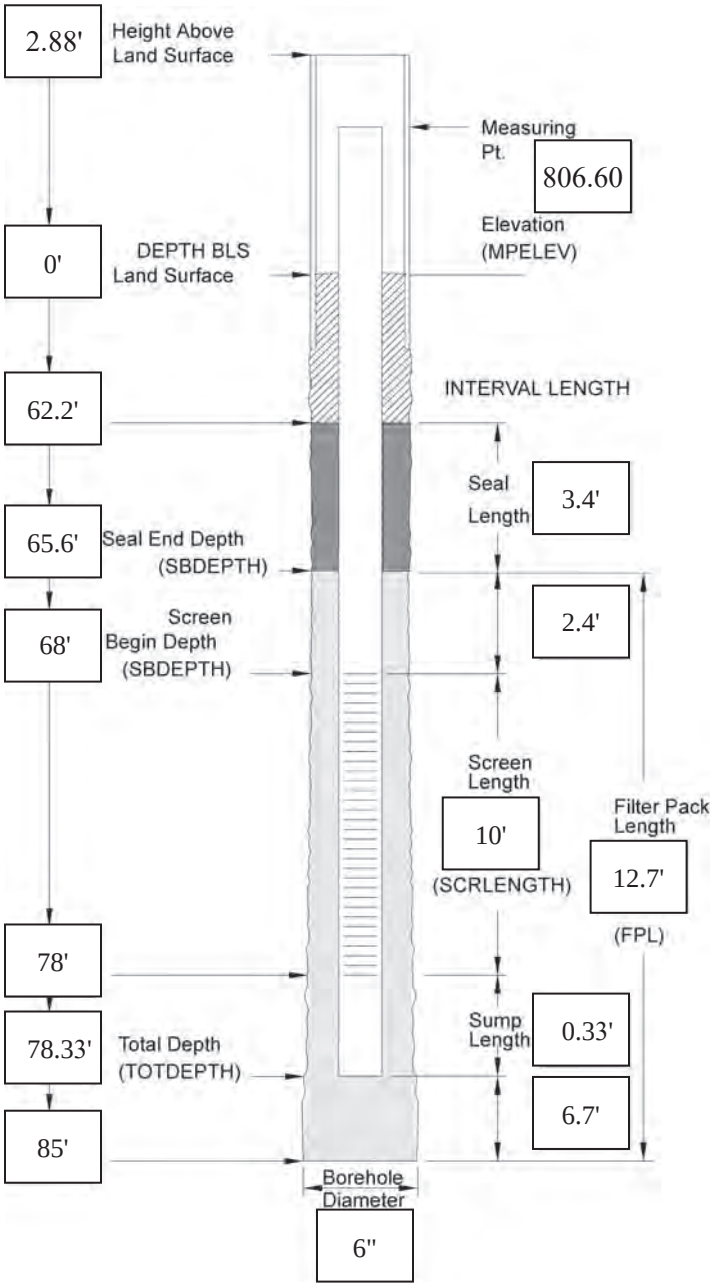
NOTES: Boring backfilled from 85-80.5 ft bgs with bentonite pellets prior to well installation. Well sealed with bentonite grout and bentonite pellets. Well completed with 4 inch long PVC sump below well screen, and aboveground (+2.88 ft) PVC stickup with metal protective cover and guard posts set in 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-8A

Drilling Company: Cascade Environmental
Drillers: M. Herron
Geologist/Engineer: A. Dwomoh
Signature: Andrews Dwomoh

Site: Plant wansley
Project Number: GW11293
Installation Method: Sonic
Casing Installation Date: 10/22/2025
Well Type: Monitoring Well
Well Completion Method: Stick up
Geologic Completion Zone: Bedrock - Quartzite



Well Completion
Guard Posts **YES** Date: 10/23/25
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
4 50-lbs bags / approximately 200 lbs
Placement Method: Tremie pipe

Seal Date: 10/22/25
Type: Bentonite pellets
Source: Pel-Plug 1 5-gallon bucket
Set-up/Hydration Time: 2 hours
Placement Method: Gravity pour
Vol. Fluid Added: 10 gallons
Filter Pack
Type: 20/40 Filtersil sand
Source: Covia Corporation
Amount Used: 4.5 50-lbs bags / approximately 225 lbs
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:
Sump or Bottom Cap **YES**
Type/Length: 0.3' Sch 40 PVC
Backfill Plug YES
Material: Holeplug
Placement Method: Gravity pour
Set-up/Hydration Time: 1 hour
Total Water Volume During Construction
Introduced (Gal): 10 Recovered (Gal): 10
Reviewed
By: Dalton Kegley Date: 10/23/25

Comments
78.3' - 80.5': backfilled with filter sil sand
80.5' - 85' : backfilled with holeplug
Depth to water: 39.7' below ground surface

APPENDIX C

Well Development and Equipment Calibration Forms

Atlantic Coast Consulting, Inc.
Well Development Field Record

Job Name: Plant Wansley AP Well Development | Job No. I054-118 | Well ID WGWC-8A

Developed By: D. Johnson & J. May | Date of Installation: | Sheet 1 of 1

Started Dev. 11/18/2025 0815 (Date / Time) | Completed Dev. 11/20/2025 1620 (Date / Time)

W.L. Before Dev. 30.84 11/18/2025 0800 (BTOC / Date / Time) | W.L. After Dev. 79.57 11/20/2025 1620 (BTOC / Date / Time)

Well Depth Before Dev.: 81.83 BTOC | Well Depth After Dev.: 81.85 BTOC

Water Column (H): 50.99 Ft. | Well Dia.: 2 In. | Well Volume: 8.16 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	
11-18-25/0920	1.8	6.6	1000	3.17	+1000	15.8	77.3	Surged well
11-18-25/1130	6.5	7.13	539	1.90	67	22.0	-65	
11-18-25/1539	15.1	7.17	580	2.20	26.3	24.2	-99.6	
11-19-25/1100	20.7	6.86	454	2.59	976	20.3	58	Surged well
11-19-25/1520	23.4	6.98	400	2.18	47.60	21.6	-43.8	
11-20-25/0745	30.4	7.14	400	3.95	+1000	17.7	160	Surged well
11-20-25/1530	42.8	6.70	328	5.24	7.96	22.7	1.5	
11-20-25/1535	42.9	6.71	329	5.12	8.02	22.4	-0.81	
11-20-25/1540	43.0	6.70	329	4.98	7.79	23.1	-2.93	
11-20-25/1545	43.1	6.70	329	4.84	7.24	23.7	-5.18	
11-20-25/1550	43.2	6.70	328	4.72	7.50	24.2	-6.81	
11-20-25/1555	43.3	6.69	324	4.61	6.82	23.6	-6.4	
11-20-25/1600	43.4	6.69	325	4.62	6.55	22.6	-5.4	
11-20-25/1605	43.5	6.71	322	4.71	6.05	21.9	-3.85	
11-20-25/1610	43.6	6.72	33	4.84	5.00	21.7	-2.02	
11-20-25/1615	43.7	6.74	320	4.98	4.42	21.6	-0.61	
11-20-25/1620	43.8	6.75	319	5.04	4.14	21.4	1.21	
Total Volume Removed:	43.8 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

Field Instrumentation Calibration Form

Atlantic Coast Consulting, Inc.

Site Name: Plant Wansley Ash pond Date: 11/18/25

Calibrated By: D. Johnson Field Conditions: Sunny, 44°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aqua Troll 600	1183990
Turbidity Meter	Hach 2100Q	21010800W 439

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	5GA0869	1/27	PINE
pH (SU)	7.00	5GA0863	1/27	PINE
pH (SU)	10.00	5GA0867	1/27	PINE
Specific Conductance (µS/cm)	1,413	5GA0907	11/26	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	A5083	6/26	HACH
	20	A5092	7/26	HACH
	100	A-5081	6/26	HACH

Calibration					
Time Start: 0800		Time Finish: 0813			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.0	14.95	± 10%	EPA 2023
pH (SU)	4.00	4.00	9.33	± 0.1	GWMP
pH (SU)	7.00	7.06	8.23	± 0.1	GWMP
pH (SU)	10.00	10.1	8.07	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	25.00	± 10% of standard	NA
ORP (mV)	240.0	250.1	8.62	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.22	± 10% of standard	EPA 2023
	10	9.97		
	20	19.9		
	100	100		

Calibration Check					
Time Start 1105		Time Finish 1112			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.01	17.8	± 0.1	GWMP
pH (SU)	7.00	7.04	16.3	± 0.1	GWMP
pH (SU)	10.00	10.1	17.9	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1417	17.9	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.20	± 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 Date: 11-19-25

Calibrated By: J. May Field Conditions: Overcast, 70s

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	1235093
Turbidity Meter	Hach 2100Q	24010Dec0439

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	5GA0865	01/27	PINE
pH (SU)	7.00	4GL1004	12/26	PINE
pH (SU)	10.00	4GC0600	03/26	PINE
Specific Conductance (µS/cm)	1,413	5GA0308	01/26	PINE
ORP (mV)	240.0	5GE0627	02/26	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: 1044		Time Finish: 1100			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	99.98	24.72	± 10%	EPA 2023
pH (SU)	4.00	4.00	22.25	± 0.1	GWMP
pH (SU)	7.00	7.02	21.90	± 0.1	GWMP
pH (SU)	10.00	10.05	21.67	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1411	22.34	± 10% of standard	NA
ORP (mV)	240.0	231.8	22.07	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.33	± 10% of standard	EPA 2023
	10	9.38		
	20	20.1		
	100	102		

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

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

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley AP Date: 11-20-29

Calibrated By: J. May Field Conditions: Overcast, cool

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	1235093
Turbidity Meter	Hach 2100Q	24010D000489

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	5GA0805	01/27	PINE
pH (SU)	7.00	4GL1064	12/26	PINE
pH (SU)	10.00	4GC0600	03/26	PINE
Specific Conductance (µS/cm)	1,413	5GA0308	01/26	PINE
ORP (mV)	240.0	5GE0627	02/26	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: 0725		Time Finish: 0735			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	99.21	23.43	± 10%	EPA 2023
pH (SU)	4.00	4.00	20.27	± 0.1	GWMP
pH (SU)	7.00	7.02	19.77	± 0.1	GWMP
pH (SU)	10.00	10.03	20.21	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1411	19.45	± 10% of standard	NA
ORP (mV)	240.0	237.1	19.31	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.26	± 10% of standard	EPA 2023
	10	9.88		
	20	19.8		
	100	99.7		

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			

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-8A	1243131.876	2029522.990	806.596	1243131.342	2029523.921	803.721

Existing well WGWC-38S pk nail (elevation 806.323) was used to establish the elevations for Well WGWC-8A

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.





10/31/2025

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

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

Date: June 20, 2025

Subject: Plant Wansley Ash Pond – Well Maintenance and Repair Documentation
Georgia Power Company

Atlantic Coast Consulting (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 2025 Semiannual Groundwater Monitoring reporting period. All repairs and maintenance are documented as completed in accordance with the Georgia Environmental Protection Division's guidance on routine visual inspections of groundwater monitoring wells.

On June 18, 2025, Atlantic Coast Consulting repaired the undercutting under the well pad for groundwater monitoring well WGWA-6. No other repairs or well maintenance were necessary during the reporting period.

Well Inspection

Site Name: Plant Wansley Ash Pond 1 Date: 2/10/2025

Permit Number: Field Conditions: Mostly cloudy, 59º 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-8	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
PZ-1	YES	YES	NO	YES
PZ-4	YES	YES	NO	YES
PZ-6	YES	YES	NO	YES
PZ-8	YES	YES	NO	YES
PZ-10	YES	YES	NO	YES
PZ-12	YES	YES	NO	YES
PZ-15	YES	YES	NO	YES
PZ-16	YES	YES	NO	YES

Well Inspection

Site Name: Plant Wansley Ash Pond 1 Date: 2/10/2025

Permit Number: Field Conditions: Mostly cloudy, 59º 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)
PZ-17	YES	YES	NO	YES
PZ-18	YES	YES	NO	YES
PZ-20	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-29D	YES	YES	NO	YES
PZ-29S	YES	YES	NO	YES
PZ-30	YES	YES	NO	YES
PZ-31	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: 2/10/2025

Permit Number: Field Conditions: Mostly cloudy, 59º 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-8	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-14A	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
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-10	YES	YES	YES	YES	YES
PZ-12	YES	YES	YES	YES	YES
PZ-15	YES	YES	YES	YES	YES
PZ-16	YES	YES	YES	YES	YES

Well Inspection

Site Name: Plant Wansley Ash Pond 1 Date: 2/10/2025

Permit Number: Field Conditions: Mostly cloudy, 59º 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
PZ-17	YES	YES	YES	YES	YES
PZ-18	YES	YES	YES	YES	YES
PZ-20	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-29D	YES	YES	YES	YES	YES
PZ-29S	YES	YES	YES	YES	YES
PZ-30	YES	YES	YES	YES	YES
PZ-31	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: 2/10/2025

Permit Number: Field Conditions: Mostly cloudy, 59º 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-8	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-14A	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
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-10	YES	YES	YES	YES	YES	YES
PZ-12	YES	YES	YES	YES	YES	YES
PZ-15	YES	YES	YES	YES	YES	YES
PZ-16	YES	YES	YES	YES	YES	YES

Well Inspection

Site Name: Plant Wansley Ash Pond 1 Date: 2/10/2025

Permit Number: Field Conditions: Mostly cloudy, 59º 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
PZ-17	YES	YES	YES	YES	YES	YES
PZ-18	YES	YES	YES	YES	YES	YES
PZ-20	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-29D	YES	YES	YES	YES	YES	YES
PZ-29S	YES	YES	YES	YES	YES	YES
PZ-30	YES	YES	YES	YES	YES	YES
PZ-31	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: 2/10/2025

Permit Number: Field Conditions: Mostly cloudy, 59º 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-8	
WGWC-9	
WGWC-10	
WGWC-11	
WGWC-12	
WGWC-13	
WGWC-14A	
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	
PZ-01	
PZ-04	
PZ-06	
PZ-08	
PZ-10	
PZ-12	
PZ-15	
PZ-16	

Well Inspection

Site Name: Plant Wansley Ash Pond 1 Date: 2/10/2025

Permit Number: Field Conditions: Mostly cloudy, 59º F

Well ID:	Corrective actions as needed, by date:
PZ-17	
PZ-18	
PZ-20	
PZ-23D	
PZ-26D	
PZ-27D	
PZ-28	
PZ-29D	
PZ-29S	
PZ-30	
PZ-31	
WAMW-1	
WAMW-2	

ATLANTIC COAST CONSULTING, INC.

A solid approach for a cleaner environment.

Memorandum

To:	Trey Singleton – Southern Company Services
From:	Atlantic Coast Consulting
Date:	November 21, 2025
Subject:	Plant Wansley Ash Pond – Well Maintenance and Repair Documentation Georgia Power Company

Atlantic Coast Consulting (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 2025 Annual Groundwater Monitoring reporting period. No repairs or well maintenance were necessary.

Well Inspection

Site Name: Plant Wansley Ash Pond 1 Date: 8/11/2025

Permit Number: Field Conditions: Mostly cloudy, 77º 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-8	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: 8/11/2025

Permit Number: Field Conditions: Mostly cloudy, 77º 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
WGWC-42	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: 8/11/2025

Permit Number: Field Conditions: Mostly cloudy, 77º 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-8	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: 8/11/2025

Permit Number: Field Conditions: Mostly cloudy, 77º 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
WGWC-42	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: 8/11/2025

Permit Number: Field Conditions: Mostly cloudy, 77º 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-8	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: 8/11/2025

Permit Number: Field Conditions: Mostly cloudy, 77º 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
WGWC-42	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: 8/11/2025

Permit Number: Field Conditions: Mostly cloudy, 77º 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-8	
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: 8/11/2025

Permit Number: Field Conditions: Mostly cloudy, 77º 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	
WGWC-42	
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
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JOB DESCRIPTION

Plant Wansley - Ash Pond

JOB NUMBER

680-261849-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

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Authorization



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Definitions/Glossary

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

Job ID: 680-261849-1

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
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
F3	Duplicate RPD exceeds the control 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

Sample Summary

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

Job ID: 680-261849-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-261849-1	WAN-WGWC-17	Water	02/11/25 13:27	02/13/25 10:28
680-261849-2	WAN-AP1-FD-01	Water	02/11/25 00:00	02/13/25 10:28
680-261849-3	WAN-AP1-FB-07	Water	02/11/25 13:50	02/13/25 10:28
680-261849-4	WAN-WGWA-1	Water	02/10/25 16:50	02/13/25 10:28
680-261849-5	WAN-WGWA-2	Water	02/10/25 16:25	02/13/25 10:28
680-261849-6	WAN-WGWA-3	Water	02/10/25 16:46	02/13/25 10:28
680-261849-7	WAN-WGWA-4	Water	02/11/25 10:05	02/13/25 10:28
680-261849-8	WAN-WGWA-6	Water	02/11/25 11:35	02/13/25 10:28
680-261849-9	WAN-WGWA-7	Water	02/11/25 13:20	02/13/25 10:28
680-261849-10	WAN-WGWA-18	Water	02/11/25 11:15	02/13/25 10:28
680-261849-11	WAN-WGWC-8	Water	02/11/25 14:50	02/13/25 10:28
680-261849-12	WAN-WGWC-9	Water	02/11/25 16:06	02/13/25 10:28
680-261849-13	WAN-WGWC-11	Water	02/11/25 16:08	02/13/25 10:28
680-261849-14	WAN-WGWC-12	Water	02/11/25 14:50	02/13/25 10:28

Job ID: 680-261849-1 — Eurofins Savannah

Job Narrative
680-261849-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 2/13/2025 10:28 AM. 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, 0.6°C, 3.5°C, 3.8°C, 3.8°C and 4.2°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.

Client Sample ID: WAN-WGWC-17

Lab Sample ID: 680-261849-1

Date Collected: 02/11/25 13:27

Matrix: Water

Date Received: 02/13/25 10:28

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.9**		1.0	0.20	mg/L			02/20/25 13:43	1
Fluoride	<0.040		0.10	0.040	mg/L			02/20/25 13:43	1
Sulfate	**3.4**		1.0	0.40	mg/L			02/20/25 13:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/14/25 06:27	02/17/25 13:37	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/14/25 06:27	02/17/25 13:37	1
Barium	**0.012**		0.010	0.00089	mg/L		02/14/25 06:27	02/17/25 13:37	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/14/25 06:27	02/17/25 13:37	1
Boron	<0.022		0.080	0.022	mg/L		02/14/25 06:27	02/17/25 13:37	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/14/25 06:27	02/17/25 13:37	1
Calcium	**5.8**		0.50	0.14	mg/L		02/14/25 06:27	02/17/25 13:37	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/14/25 06:27	02/17/25 13:37	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/14/25 06:27	02/17/25 13:37	1
Iron	**0.088**		0.050	0.012	mg/L		02/14/25 06:27	02/17/25 13:37	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/14/25 06:27	02/17/25 13:37	1
Lithium	**0.0034**	**J**	0.0050	0.0020	mg/L		02/14/25 06:27	02/17/25 13:37	1
Magnesium	**3.4**		0.50	0.023	mg/L		02/14/25 06:27	02/17/25 13:37	1
Manganese	**0.0095**		0.0050	0.0022	mg/L		02/14/25 06:27	02/17/25 13:37	1
Molybdenum	**0.0023**	**J**	0.015	0.00086	mg/L		02/14/25 06:27	02/17/25 13:37	1
Potassium	**1.4**		0.50	0.044	mg/L		02/14/25 06:27	02/17/25 13:37	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/14/25 06:27	02/17/25 13:37	1
Sodium	**8.8**		0.50	0.20	mg/L		02/14/25 06:27	02/17/25 13:37	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/14/25 06:27	02/17/25 13:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/21/25 10:54	02/23/25 16:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**47**		5.0	5.0	mg/L			02/18/25 00:57	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**47**		5.0	5.0	mg/L			02/18/25 00:57	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/18/25 00:57	1
Total Dissolved Solids (SM 2540C-2011)	**81**		10	10	mg/L			02/17/25 08:32	1
Sulfide (SM 4500 S2 F-2011)	<0.83		0.83	0.83	mg/L			02/14/25 11:48	1

Client Sample ID: WAN-AP1-FD-01

Lab Sample ID: 680-261849-2

Date Collected: 02/11/25 00:00

Matrix: Water

Date Received: 02/13/25 10:28

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.3**		2.0	0.40	mg/L			02/20/25 14:41	2
Fluoride	<0.080		0.20	0.080	mg/L			02/20/25 14:41	2
Sulfate	**12**		2.0	0.80	mg/L			02/20/25 14:41	2

Client Sample ID: WAN-AP1-FD-01

Lab Sample ID: 680-261849-2

Date Collected: 02/11/25 00:00

Matrix: Water

Date Received: 02/13/25 10:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/14/25 06:27	02/14/25 13:50	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/14/25 06:27	02/14/25 13:50	1
Barium	**0.018**		0.010	0.00089	mg/L		02/14/25 06:27	02/14/25 13:50	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/14/25 06:27	02/14/25 13:50	1
Boron	<0.022		0.080	0.022	mg/L		02/14/25 06:27	02/14/25 13:50	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/14/25 06:27	02/14/25 13:50	1
Calcium	**15**		0.50	0.14	mg/L		02/14/25 06:27	02/14/25 13:50	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/14/25 06:27	02/14/25 13:50	1
Cobalt	**0.00030**	**J**	0.0025	0.00022	mg/L		02/14/25 06:27	02/14/25 13:50	1
Iron	**1.4**		0.050	0.012	mg/L		02/14/25 06:27	02/14/25 13:50	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/14/25 06:27	02/14/25 13:50	1
Lithium	**0.012**	**B**	0.0050	0.0020	mg/L		02/14/25 06:27	02/14/25 13:50	1
Magnesium	**3.2**		0.50	0.023	mg/L		02/14/25 06:27	02/14/25 13:50	1
Manganese	**0.011**		0.0050	0.0022	mg/L		02/14/25 06:27	02/14/25 13:50	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/14/25 06:27	02/14/25 13:50	1
Potassium	**2.2**		0.50	0.044	mg/L		02/14/25 06:27	02/14/25 13:50	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/14/25 06:27	02/14/25 13:50	1
Sodium	**6.3**		0.50	0.20	mg/L		02/14/25 06:27	02/14/25 13:50	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/14/25 06:27	02/14/25 13:50	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/21/25 10:54	02/23/25 16:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**45**		5.0	5.0	mg/L			02/17/25 21:46	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**45**		5.0	5.0	mg/L			02/17/25 21:46	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/17/25 21:46	1
Total Dissolved Solids (SM 2540C-2011)	**95**		10	10	mg/L			02/17/25 08:32	1
Sulfide (SM 4500 S2 F-2011)	<0.83		0.83	0.83	mg/L			02/14/25 11:48	1

Client Sample ID: WAN-AP1-FB-07

Lab Sample ID: 680-261849-3

Date Collected: 02/11/25 13:50

Matrix: Water

Date Received: 02/13/25 10:28

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			02/20/25 14:16	1
Fluoride	<0.040		0.10	0.040	mg/L			02/20/25 14:16	1
Sulfate	<0.40		1.0	0.40	mg/L			02/20/25 14:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/14/25 06:27	02/14/25 13:44	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/14/25 06:27	02/14/25 13:44	1
Barium	<0.00089		0.010	0.00089	mg/L		02/14/25 06:27	02/14/25 13:44	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/14/25 06:27	02/14/25 13:44	1

Client Sample ID: WAN-AP1-FB-07

Lab Sample ID: 680-261849-3

Date Collected: 02/11/25 13:50

Matrix: Water

Date Received: 02/13/25 10:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		02/14/25 06:27	02/14/25 13:44	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/14/25 06:27	02/14/25 13:44	1
Calcium	<0.14		0.50	0.14	mg/L		02/14/25 06:27	02/14/25 13:44	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/14/25 06:27	02/14/25 13:44	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/14/25 06:27	02/14/25 13:44	1
Iron	<0.012		0.050	0.012	mg/L		02/14/25 06:27	02/14/25 13:44	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/14/25 06:27	02/14/25 13:44	1
Lithium	**0.0048**	**J B**	0.0050	0.0020	mg/L		02/14/25 06:27	02/14/25 13:44	1
Magnesium	<0.023		0.50	0.023	mg/L		02/14/25 06:27	02/14/25 13:44	1
Manganese	<0.0022		0.0050	0.0022	mg/L		02/14/25 06:27	02/14/25 13:44	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/14/25 06:27	02/14/25 13:44	1
Potassium	<0.044		0.50	0.044	mg/L		02/14/25 06:27	02/14/25 13:44	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/14/25 06:27	02/14/25 13:44	1
Sodium	<0.20		0.50	0.20	mg/L		02/14/25 06:27	02/14/25 13:44	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/14/25 06:27	02/14/25 13:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/21/25 10:54	02/23/25 16:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/18/25 13:01	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/18/25 13:01	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/18/25 13:01	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/18/25 07:09	1
Sulfide (SM 4500 S2 F-2011)	<0.83		0.83	0.83	mg/L			02/14/25 11:48	1

Client Sample ID: WAN-WGWA-1

Lab Sample ID: 680-261849-4

Date Collected: 02/10/25 16:50

Matrix: Water

Date Received: 02/13/25 10:28

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.6**		1.0	0.20	mg/L			02/20/25 14:49	1
Fluoride	<0.040		0.10	0.040	mg/L			02/20/25 14:49	1
Sulfate	<0.40		1.0	0.40	mg/L			02/20/25 14:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/14/25 06:27	02/14/25 13:48	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/14/25 06:27	02/14/25 13:48	1
Barium	**0.049**		0.010	0.00089	mg/L		02/14/25 06:27	02/14/25 13:48	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/14/25 06:27	02/14/25 13:48	1
Boron	<0.022		0.080	0.022	mg/L		02/14/25 06:27	02/14/25 13:48	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/14/25 06:27	02/14/25 13:48	1
Calcium	**1.4**		0.50	0.14	mg/L		02/14/25 06:27	02/14/25 13:48	1
Chromium	**0.0012**	**J**	0.0020	0.0012	mg/L		02/14/25 06:27	02/14/25 13:48	1

Client Sample ID: WAN-WGWA-1

Lab Sample ID: 680-261849-4

Date Collected: 02/10/25 16:50

Matrix: Water

Date Received: 02/13/25 10:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**0.00068**	**J**	0.0025	0.00022	mg/L		02/14/25 06:27	02/14/25 13:48	1
Iron	<0.012		0.050	0.012	mg/L		02/14/25 06:27	02/14/25 13:48	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/14/25 06:27	02/14/25 13:48	1
Lithium	**0.0091**	**B**	0.0050	0.0020	mg/L		02/14/25 06:27	02/14/25 13:48	1
Magnesium	**1.2**		0.50	0.023	mg/L		02/14/25 06:27	02/14/25 13:48	1
Manganese	**0.0086**		0.0050	0.0022	mg/L		02/14/25 06:27	02/14/25 13:48	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/14/25 06:27	02/14/25 13:48	1
Potassium	**1.2**		0.50	0.044	mg/L		02/14/25 06:27	02/14/25 13:48	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/14/25 06:27	02/14/25 13:48	1
Sodium	**3.5**		0.50	0.20	mg/L		02/14/25 06:27	02/14/25 13:48	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/14/25 06:27	02/14/25 13:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/21/25 10:54	02/23/25 16:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**8.0**		5.0	5.0	mg/L			02/17/25 21:37	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**8.0**		5.0	5.0	mg/L			02/17/25 21:37	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/17/25 21:37	1
Total Dissolved Solids (SM 2540C-2011)	**37**		10	10	mg/L			02/17/25 08:32	1
Sulfide (SM 4500 S2 F-2011)	<0.83		0.83	0.83	mg/L			02/14/25 11:48	1

Client Sample ID: WAN-WGWA-2

Lab Sample ID: 680-261849-5

Date Collected: 02/10/25 16:25

Matrix: Water

Date Received: 02/13/25 10:28

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.3**		1.0	0.20	mg/L			02/20/25 14:57	1
Fluoride	<0.040		0.10	0.040	mg/L			02/20/25 14:57	1
Sulfate	**1.1**		1.0	0.40	mg/L			02/20/25 14:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/14/25 06:27	02/14/25 13:38	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/14/25 06:27	02/14/25 13:38	1
Barium	**0.023**		0.010	0.00089	mg/L		02/14/25 06:27	02/14/25 13:38	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/14/25 06:27	02/14/25 13:38	1
Boron	<0.022		0.080	0.022	mg/L		02/14/25 06:27	02/14/25 13:38	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/14/25 06:27	02/14/25 13:38	1
Calcium	**16**		0.50	0.14	mg/L		02/14/25 06:27	02/14/25 13:38	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/14/25 06:27	02/14/25 13:38	1
Cobalt	**0.00034**	**J**	0.0025	0.00022	mg/L		02/14/25 06:27	02/14/25 13:38	1
Iron	<0.012		0.050	0.012	mg/L		02/14/25 06:27	02/14/25 13:38	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/14/25 06:27	02/14/25 13:38	1
Lithium	**0.013**	**B**	0.0050	0.0020	mg/L		02/14/25 06:27	02/14/25 13:38	1

Client Sample ID: WAN-WGWA-2

Lab Sample ID: 680-261849-5

Date Collected: 02/10/25 16:25

Matrix: Water

Date Received: 02/13/25 10:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	**5.5**		0.50	0.023	mg/L		02/14/25 06:27	02/14/25 13:38	1
Manganese	**0.032**		0.0050	0.0022	mg/L		02/14/25 06:27	02/14/25 13:38	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/14/25 06:27	02/14/25 13:38	1
Potassium	**2.3**		0.50	0.044	mg/L		02/14/25 06:27	02/14/25 13:38	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/14/25 06:27	02/14/25 13:38	1
Sodium	**9.5**		0.50	0.20	mg/L		02/14/25 06:27	02/14/25 13:38	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/14/25 06:27	02/14/25 13:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/21/25 10:54	02/23/25 17:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**80**		5.0	5.0	mg/L			02/17/25 21:55	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**80**		5.0	5.0	mg/L			02/17/25 21:55	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/17/25 21:55	1
Total Dissolved Solids (SM 2540C-2011)	**120**		10	10	mg/L			02/17/25 08:32	1
Sulfide (SM 4500 S2 F-2011)	<0.81		0.81	0.81	mg/L			02/14/25 11:48	1

Client Sample ID: WAN-WGWA-3

Lab Sample ID: 680-261849-6

Date Collected: 02/10/25 16:46

Matrix: Water

Date Received: 02/13/25 10:28

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.0**		1.0	0.20	mg/L			02/20/25 15:05	1
Fluoride	<0.040		0.10	0.040	mg/L			02/20/25 15:05	1
Sulfate	**1.1**		1.0	0.40	mg/L			02/20/25 15:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/14/25 06:27	02/17/25 13:49	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/14/25 06:27	02/17/25 13:49	1
Barium	**0.014**		0.010	0.00089	mg/L		02/14/25 06:27	02/17/25 13:49	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/14/25 06:27	02/17/25 13:49	1
Boron	<0.022		0.080	0.022	mg/L		02/14/25 06:27	02/17/25 13:49	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/14/25 06:27	02/17/25 13:49	1
Calcium	**1.8**		0.50	0.14	mg/L		02/14/25 06:27	02/17/25 13:49	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/14/25 06:27	02/17/25 13:49	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/14/25 06:27	02/17/25 13:49	1
Iron	<0.012		0.050	0.012	mg/L		02/14/25 06:27	02/17/25 13:49	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/14/25 06:27	02/17/25 13:49	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/14/25 06:27	02/17/25 13:49	1
Magnesium	**1.0**		0.50	0.023	mg/L		02/14/25 06:27	02/17/25 13:49	1
Manganese	**0.0025**	**J**	0.0050	0.0022	mg/L		02/14/25 06:27	02/17/25 13:49	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/14/25 06:27	02/17/25 13:49	1
Potassium	**1.2**		0.50	0.044	mg/L		02/14/25 06:27	02/17/25 13:49	1

Client Sample ID: WAN-WGWA-3

Lab Sample ID: 680-261849-6

Date Collected: 02/10/25 16:46
Matrix: Water
Date Received: 02/13/25 10:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.00099		0.0050	0.00099	mg/L		02/14/25 06:27	02/17/25 13:49	1
Sodium	**2.8**		0.50	0.20	mg/L		02/14/25 06:27	02/17/25 13:49	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/14/25 06:27	02/17/25 13:49	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/21/25 10:54	02/23/25 16:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**12**		5.0	5.0	mg/L			02/17/25 21:23	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**12**		5.0	5.0	mg/L			02/17/25 21:23	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/17/25 21:23	1
Total Dissolved Solids (SM 2540C-2011)	**34**		10	10	mg/L			02/17/25 08:32	1
Sulfide (SM 4500 S2 F-2011)	<0.81		0.81	0.81	mg/L			02/14/25 11:48	1

Client Sample ID: WAN-WGWA-4

Lab Sample ID: 680-261849-7

Date Collected: 02/11/25 10:05
Matrix: Water
Date Received: 02/13/25 10:28

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.7**		1.0	0.20	mg/L			02/20/25 15:14	1
Fluoride	<0.040		0.10	0.040	mg/L			02/20/25 15:14	1
Sulfate	**8.1**		1.0	0.40	mg/L			02/20/25 15:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/14/25 06:27	02/17/25 15:10	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/14/25 06:27	02/17/25 15:10	1
Barium	**0.0086**	**J**	0.010	0.00089	mg/L		02/14/25 06:27	02/17/25 15:10	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/14/25 06:27	02/17/25 15:10	1
Boron	<0.022		0.080	0.022	mg/L		02/14/25 06:27	02/17/25 15:10	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/14/25 06:27	02/17/25 15:10	1
Calcium	**17**		0.50	0.14	mg/L		02/14/25 06:27	02/17/25 15:10	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/14/25 06:27	02/17/25 15:10	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/14/25 06:27	02/17/25 15:10	1
Iron	**1.0**		0.050	0.012	mg/L		02/14/25 06:27	02/17/25 15:10	1
Lead	**0.0015**		0.0010	0.00021	mg/L		02/14/25 06:27	02/17/25 15:10	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/14/25 06:27	02/17/25 15:10	1
Magnesium	**2.5**		0.50	0.023	mg/L		02/14/25 06:27	02/17/25 15:10	1
Manganese	**0.18**		0.0050	0.0022	mg/L		02/14/25 06:27	02/17/25 15:10	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/14/25 06:27	02/17/25 15:10	1
Potassium	**2.5**		0.50	0.044	mg/L		02/14/25 06:27	02/17/25 15:10	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/14/25 06:27	02/17/25 15:10	1
Sodium	**7.5**		0.50	0.20	mg/L		02/14/25 06:27	02/17/25 15:10	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/14/25 06:27	02/17/25 15:10	1

Client Sample ID: WAN-WGWA-4

Lab Sample ID: 680-261849-7

Date Collected: 02/11/25 10:05

Matrix: Water

Date Received: 02/13/25 10:28

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/21/25 10:54	02/23/25 16:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**61**		5.0	5.0	mg/L			02/18/25 10:36	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**61**		5.0	5.0	mg/L			02/18/25 10:36	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/18/25 10:36	1
Total Dissolved Solids (SM 2540C-2011)	**110**		10	10	mg/L			02/18/25 07:09	1
Sulfide (SM 4500 S2 F-2011)	<0.82		0.82	0.82	mg/L			02/14/25 11:48	1

Client Sample ID: WAN-WGWA-6

Lab Sample ID: 680-261849-8

Date Collected: 02/11/25 11:35

Matrix: Water

Date Received: 02/13/25 10:28

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.8**		1.0	0.20	mg/L			02/20/25 15:22	1
Fluoride	<0.040		0.10	0.040	mg/L			02/20/25 15:22	1
Sulfate	**7.9**		1.0	0.40	mg/L			02/20/25 15:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/14/25 06:27	02/17/25 15:06	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/14/25 06:27	02/17/25 15:06	1
Barium	**0.0091**	**J**	0.010	0.00089	mg/L		02/14/25 06:27	02/17/25 15:06	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/14/25 06:27	02/17/25 15:06	1
Boron	<0.022		0.080	0.022	mg/L		02/14/25 06:27	02/17/25 15:06	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/14/25 06:27	02/17/25 15:06	1
Calcium	**27**		0.50	0.14	mg/L		02/14/25 06:27	02/17/25 15:06	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/14/25 06:27	02/17/25 15:06	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/14/25 06:27	02/17/25 15:06	1
Iron	**0.29**		0.050	0.012	mg/L		02/14/25 06:27	02/17/25 15:06	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/14/25 06:27	02/17/25 15:06	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/14/25 06:27	02/17/25 15:06	1
Magnesium	**2.2**		0.50	0.023	mg/L		02/14/25 06:27	02/17/25 15:06	1
Manganese	**0.15**		0.0050	0.0022	mg/L		02/14/25 06:27	02/17/25 15:06	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/14/25 06:27	02/17/25 15:06	1
Potassium	**2.9**		0.50	0.044	mg/L		02/14/25 06:27	02/17/25 15:06	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/14/25 06:27	02/17/25 15:06	1
Sodium	**5.7**		0.50	0.20	mg/L		02/14/25 06:27	02/17/25 15:06	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/14/25 06:27	02/17/25 15:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/21/25 10:54	02/23/25 16:44	1

Client Sample ID: WAN-WGWA-6

Lab Sample ID: 680-261849-8

Date Collected: 02/11/25 11:35

Matrix: Water

Date Received: 02/13/25 10:28

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**78**		5.0	5.0	mg/L			02/18/25 10:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**78**		5.0	5.0	mg/L			02/18/25 10:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/18/25 10:10	1
Total Dissolved Solids (SM 2540C-2011)	**120**		10	10	mg/L			02/18/25 07:09	1
Sulfide (SM 4500 S2 F-2011)	<0.81		0.81	0.81	mg/L			02/14/25 11:48	1

Client Sample ID: WAN-WGWA-7

Lab Sample ID: 680-261849-9

Date Collected: 02/11/25 13:20

Matrix: Water

Date Received: 02/13/25 10:28

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.4**		1.0	0.20	mg/L			02/20/25 15:30	1
Fluoride	<0.040		0.10	0.040	mg/L			02/20/25 15:30	1
Sulfate	**0.70**	**J**	1.0	0.40	mg/L			02/20/25 15:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/14/25 06:27	02/17/25 14:38	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/14/25 06:27	02/17/25 14:38	1
Barium	**0.011**		0.010	0.00089	mg/L		02/14/25 06:27	02/17/25 14:38	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/14/25 06:27	02/17/25 14:38	1
Boron	<0.022		0.080	0.022	mg/L		02/14/25 06:27	02/17/25 14:38	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/14/25 06:27	02/17/25 14:38	1
Calcium	**8.7**		0.50	0.14	mg/L		02/14/25 06:27	02/17/25 14:38	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/14/25 06:27	02/17/25 14:38	1
Cobalt	**0.0017**	**J**	0.0025	0.00022	mg/L		02/14/25 06:27	02/17/25 14:38	1
Iron	**0.17**		0.050	0.012	mg/L		02/14/25 06:27	02/17/25 14:38	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/14/25 06:27	02/17/25 14:38	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/14/25 06:27	02/17/25 14:38	1
Magnesium	**0.55**		0.50	0.023	mg/L		02/14/25 06:27	02/17/25 14:38	1
Manganese	**0.11**		0.0050	0.0022	mg/L		02/14/25 06:27	02/17/25 14:38	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/14/25 06:27	02/17/25 14:38	1
Potassium	**1.5**		0.50	0.044	mg/L		02/14/25 06:27	02/17/25 14:38	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/14/25 06:27	02/17/25 14:38	1
Sodium	**3.0**		0.50	0.20	mg/L		02/14/25 06:27	02/17/25 14:38	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/14/25 06:27	02/17/25 14:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/21/25 10:54	02/23/25 16:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**29**		5.0	5.0	mg/L			02/18/25 10:45	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**29**		5.0	5.0	mg/L			02/18/25 10:45	1

Client Sample ID: WAN-WGWA-7

Lab Sample ID: 680-261849-9

Date Collected: 02/11/25 13:20

Matrix: Water

Date Received: 02/13/25 10:28

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/18/25 10:45	1
Total Dissolved Solids (SM 2540C-2011)	**84**		10	10	mg/L			02/18/25 07:09	1
Sulfide (SM 4500 S2 F-2011)	<0.89		0.89	0.89	mg/L			02/14/25 11:48	1

Client Sample ID: WAN-WGWA-18

Lab Sample ID: 680-261849-10

Date Collected: 02/11/25 11:15

Matrix: Water

Date Received: 02/13/25 10:28

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.5**		1.0	0.20	mg/L			02/20/25 15:38	1
Fluoride	<0.040		0.10	0.040	mg/L			02/20/25 15:38	1
Sulfate	**8.4**		1.0	0.40	mg/L			02/20/25 15:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/14/25 06:27	02/14/25 13:46	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/14/25 06:27	02/14/25 13:46	1
Barium	**0.014**		0.010	0.00089	mg/L		02/14/25 06:27	02/14/25 13:46	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/14/25 06:27	02/14/25 13:46	1
Boron	<0.022		0.080	0.022	mg/L		02/14/25 06:27	02/14/25 13:46	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/14/25 06:27	02/14/25 13:46	1
Calcium	**4.4**		0.50	0.14	mg/L		02/14/25 06:27	02/14/25 13:46	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/14/25 06:27	02/14/25 13:46	1
Cobalt	**0.00043**	**J**	0.0025	0.00022	mg/L		02/14/25 06:27	02/14/25 13:46	1
Iron	**0.050**		0.050	0.012	mg/L		02/14/25 06:27	02/14/25 13:46	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/14/25 06:27	02/14/25 13:46	1
Lithium	**0.0047**	**J B**	0.0050	0.0020	mg/L		02/14/25 06:27	02/14/25 13:46	1
Magnesium	**1.5**		0.50	0.023	mg/L		02/14/25 06:27	02/14/25 13:46	1
Manganese	**0.068**		0.0050	0.0022	mg/L		02/14/25 06:27	02/14/25 13:46	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/14/25 06:27	02/14/25 13:46	1
Potassium	**2.3**		0.50	0.044	mg/L		02/14/25 06:27	02/14/25 13:46	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/14/25 06:27	02/14/25 13:46	1
Sodium	**4.8**		0.50	0.20	mg/L		02/14/25 06:27	02/14/25 13:46	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/14/25 06:27	02/14/25 13:46	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/21/25 10:54	02/23/25 17:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**16**		5.0	5.0	mg/L			02/18/25 10:27	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**16**		5.0	5.0	mg/L			02/18/25 10:27	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/18/25 10:27	1
Total Dissolved Solids (SM 2540C-2011)	**46**		10	10	mg/L			02/18/25 07:09	1

Client Sample ID: WAN-WGWA-18

Lab Sample ID: 680-261849-10

Date Collected: 02/11/25 11:15

Matrix: Water

Date Received: 02/13/25 10:28

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SM 4500 S2 F-2011)	<0.83		0.83	0.83	mg/L			02/14/25 11:48	1

Client Sample ID: WAN-WGWC-8

Lab Sample ID: 680-261849-11

Date Collected: 02/11/25 14:50

Matrix: Water

Date Received: 02/13/25 10:28

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		10	2.0	mg/L			02/20/25 15:46	10
Fluoride	<0.40		1.0	0.40	mg/L			02/20/25 15:46	10
Sulfate	**280**		10	4.0	mg/L			02/20/25 15:46	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/14/25 06:27	02/17/25 14:42	1
Arsenic	**0.0012**		0.0010	0.00086	mg/L		02/14/25 06:27	02/17/25 14:42	1
Barium	**0.0015**	J	0.010	0.00089	mg/L		02/14/25 06:27	02/17/25 14:42	1
Beryllium	**0.0027**		0.0025	0.00020	mg/L		02/14/25 06:27	02/17/25 14:42	1
Boron	**3.6**		0.080	0.022	mg/L		02/14/25 06:27	02/17/25 14:42	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/14/25 06:27	02/17/25 14:42	1
Calcium	**99**		0.50	0.14	mg/L		02/14/25 06:27	02/17/25 14:42	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/14/25 06:27	02/17/25 14:42	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/14/25 06:27	02/17/25 14:42	1
Iron	<0.012		0.050	0.012	mg/L		02/14/25 06:27	02/17/25 14:42	1
Lead	**0.00023**	J	0.0010	0.00021	mg/L		02/14/25 06:27	02/17/25 14:42	1
Lithium	**0.011**		0.0050	0.0020	mg/L		02/14/25 06:27	02/17/25 14:42	1
Magnesium	**27**		0.50	0.023	mg/L		02/14/25 06:27	02/17/25 14:42	1
Manganese	**0.0076**		0.0050	0.0022	mg/L		02/14/25 06:27	02/17/25 14:42	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/14/25 06:27	02/17/25 14:42	1
Potassium	**9.2**		0.50	0.044	mg/L		02/14/25 06:27	02/17/25 14:42	1
Selenium	**0.0048**	J	0.0050	0.00099	mg/L		02/14/25 06:27	02/17/25 14:42	1
Sodium	**40**		0.50	0.20	mg/L		02/14/25 06:27	02/17/25 14:42	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/14/25 06:27	02/17/25 14:42	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/21/25 10:54	02/23/25 16:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**6.5**		5.0	5.0	mg/L			02/18/25 13:20	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**6.5**		5.0	5.0	mg/L			02/18/25 13:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/18/25 13:20	1
Total Dissolved Solids (SM 2540C-2011)	**630**		40	40	mg/L			02/18/25 07:09	1
Sulfide (SM 4500 S2 F-2011)	<0.83		0.83	0.83	mg/L			02/14/25 11:48	1

Client Sample ID: WAN-WGWC-9

Lab Sample ID: 680-261849-12

Date Collected: 02/11/25 16:06

Matrix: Water

Date Received: 02/13/25 10:28

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.0**		1.0	0.20	mg/L			02/20/25 18:11	1
Fluoride	**0.40**		0.10	0.040	mg/L			02/20/25 18:11	1
Sulfate	**26**		1.0	0.40	mg/L			02/20/25 18:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.0079**		0.0020	0.00034	mg/L		02/14/25 06:27	02/17/25 14:25	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/14/25 06:27	02/17/25 14:25	1
Barium	**0.0018**	**J**	0.010	0.00089	mg/L		02/14/25 06:27	02/17/25 14:25	1
Beryllium	**0.00035**	**J**	0.0025	0.00020	mg/L		02/14/25 06:27	02/17/25 14:25	1
Boron	**0.58**		0.080	0.022	mg/L		02/14/25 06:27	02/17/25 14:25	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/14/25 06:27	02/17/25 14:25	1
Calcium	**9.6**		0.50	0.14	mg/L		02/14/25 06:27	02/17/25 14:25	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/14/25 06:27	02/17/25 14:25	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/14/25 06:27	02/17/25 14:25	1
Iron	<0.012		0.050	0.012	mg/L		02/14/25 06:27	02/17/25 14:25	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/14/25 06:27	02/17/25 14:25	1
Lithium	**0.029**		0.0050	0.0020	mg/L		02/14/25 06:27	02/17/25 14:25	1
Magnesium	**2.6**		0.50	0.023	mg/L		02/14/25 06:27	02/17/25 14:25	1
Manganese	**0.023**		0.0050	0.0022	mg/L		02/14/25 06:27	02/17/25 14:25	1
Molybdenum	**0.0033**	**J**	0.015	0.00086	mg/L		02/14/25 06:27	02/17/25 14:25	1
Potassium	**1.4**		0.50	0.044	mg/L		02/14/25 06:27	02/17/25 14:25	1
Selenium	**0.0029**	**J**	0.0050	0.00099	mg/L		02/14/25 06:27	02/17/25 14:25	1
Sodium	**24**		0.50	0.20	mg/L		02/14/25 06:27	02/17/25 14:25	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/14/25 06:27	02/17/25 14:25	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/21/25 10:54	02/23/25 16:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**15**		5.0	5.0	mg/L			02/18/25 10:53	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**15**		5.0	5.0	mg/L			02/18/25 10:53	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/18/25 10:53	1
Total Dissolved Solids (SM 2540C-2011)	**140**		10	10	mg/L			02/18/25 07:09	1
Sulfide (SM 4500 S2 F-2011)	<0.83		0.83	0.83	mg/L			02/14/25 11:48	1

Client Sample ID: WAN-WGWC-11

Lab Sample ID: 680-261849-13

Date Collected: 02/11/25 16:08

Matrix: Water

Date Received: 02/13/25 10:28

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**0.45**	**J**	1.0	0.20	mg/L			02/20/25 18:19	1
Fluoride	<0.040		0.10	0.040	mg/L			02/20/25 18:19	1
Sulfate	**0.41**	**J**	1.0	0.40	mg/L			02/20/25 18:19	1

Client Sample ID: WAN-WGWC-11

Lab Sample ID: 680-261849-13

Date Collected: 02/11/25 16:08

Matrix: Water

Date Received: 02/13/25 10:28

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/14/25 06:27	02/17/25 14:29	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/14/25 06:27	02/17/25 14:29	1
Barium	**0.053**		0.010	0.00089	mg/L		02/14/25 06:27	02/17/25 14:29	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/14/25 06:27	02/17/25 14:29	1
Boron	<0.022		0.080	0.022	mg/L		02/14/25 06:27	02/17/25 14:29	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/14/25 06:27	02/17/25 14:29	1
Calcium	**1.7**		0.50	0.14	mg/L		02/14/25 06:27	02/17/25 14:29	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/14/25 06:27	02/17/25 14:29	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/14/25 06:27	02/17/25 14:29	1
Iron	<0.012		0.050	0.012	mg/L		02/14/25 06:27	02/17/25 14:29	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/14/25 06:27	02/17/25 14:29	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/14/25 06:27	02/17/25 14:29	1
Magnesium	**1.4**		0.50	0.023	mg/L		02/14/25 06:27	02/17/25 14:29	1
Manganese	**0.0077**		0.0050	0.0022	mg/L		02/14/25 06:27	02/17/25 14:29	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/14/25 06:27	02/17/25 14:29	1
Potassium	**1.2**		0.50	0.044	mg/L		02/14/25 06:27	02/17/25 14:29	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/14/25 06:27	02/17/25 14:29	1
Sodium	**3.6**		0.50	0.20	mg/L		02/14/25 06:27	02/17/25 14:29	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/14/25 06:27	02/17/25 14:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/21/25 10:54	02/23/25 16:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**9.7**		5.0	5.0	mg/L			02/18/25 13:14	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**9.7**		5.0	5.0	mg/L			02/18/25 13:14	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/18/25 13:14	1
Total Dissolved Solids (SM 2540C-2011)	**35**		10	10	mg/L			02/18/25 07:09	1
Sulfide (SM 4500 S2 F-2011)	<0.83		0.83	0.83	mg/L			02/14/25 11:48	1

Client Sample ID: WAN-WGWC-12

Lab Sample ID: 680-261849-14

Date Collected: 02/11/25 14:50

Matrix: Water

Date Received: 02/13/25 10:28

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.7**		1.0	0.20	mg/L			02/20/25 17:46	1
Fluoride	<0.040		0.10	0.040	mg/L			02/20/25 17:46	1
Sulfate	**13**		1.0	0.40	mg/L			02/20/25 17:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/14/25 06:27	02/17/25 14:21	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/14/25 06:27	02/17/25 14:21	1
Barium	**0.018**		0.010	0.00089	mg/L		02/14/25 06:27	02/17/25 14:21	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/14/25 06:27	02/17/25 14:21	1

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

Job ID: 680-261849-1

Client Sample ID: WAN-WGWC-12

Date Collected: 02/11/25 14:50
Date Received: 02/13/25 10:28

Lab Sample ID: 680-261849-14

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		02/14/25 06:27	02/17/25 14:21	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/14/25 06:27	02/17/25 14:21	1
Calcium	**14**		0.50	0.14	mg/L		02/14/25 06:27	02/17/25 14:21	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/14/25 06:27	02/17/25 14:21	1
Cobalt	**0.00033**	**J**	0.0025	0.00022	mg/L		02/14/25 06:27	02/17/25 14:21	1
Iron	**2.1**		0.050	0.012	mg/L		02/14/25 06:27	02/17/25 14:21	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/14/25 06:27	02/17/25 14:21	1
Lithium	**0.0032**	**J**	0.0050	0.0020	mg/L		02/14/25 06:27	02/17/25 14:21	1
Magnesium	**3.0**		0.50	0.023	mg/L		02/14/25 06:27	02/17/25 14:21	1
Manganese	**0.011**		0.0050	0.0022	mg/L		02/14/25 06:27	02/17/25 14:21	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/14/25 06:27	02/17/25 14:21	1
Potassium	**2.0**		0.50	0.044	mg/L		02/14/25 06:27	02/17/25 14:21	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/14/25 06:27	02/17/25 14:21	1
Sodium	**5.9**		0.50	0.20	mg/L		02/14/25 06:27	02/17/25 14:21	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/14/25 06:27	02/17/25 14:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/21/25 10:54	02/23/25 17:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**44**		5.0	5.0	mg/L			02/18/25 10:19	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**44**		5.0	5.0	mg/L			02/18/25 10:19	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/18/25 10:19	1
Total Dissolved Solids (SM 2540C-2011)	**96**		10	10	mg/L			02/18/25 07:09	1
Sulfide (SM 4500 S2 F-2011)	<0.89		0.89	0.89	mg/L			02/14/25 11:49	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-876438/2
Matrix: Water
Analysis Batch: 876438

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			02/20/25 10:04	1
Fluoride	<0.040		0.10	0.040	mg/L			02/20/25 10:04	1
Sulfate	<0.40		1.0	0.40	mg/L			02/20/25 10:04	1

Lab Sample ID: LCS 680-876438/3
Matrix: Water
Analysis Batch: 876438

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	11.0		mg/L		110	90 - 110
Fluoride	2.00	2.19		mg/L		109	90 - 110
Sulfate	10.0	10.8		mg/L		108	90 - 110

Lab Sample ID: LCSD 680-876438/4
Matrix: Water
Analysis Batch: 876438

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	11.0		mg/L		110	90 - 110	0	15
Fluoride	2.00	2.16		mg/L		108	90 - 110	1	15
Sulfate	10.0	11.0		mg/L		110	90 - 110	1	15

Lab Sample ID: 680-261849-3 MS
Matrix: Water
Analysis Batch: 876438

Client Sample ID: WAN-AP1-FB-07
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<0.20		10.0	10.7		mg/L		107	80 - 120
Fluoride	<0.040		2.00	2.03		mg/L		101	80 - 120
Sulfate	<0.40		10.0	10.6		mg/L		106	80 - 120

Lab Sample ID: 680-261849-3 MSD
Matrix: Water
Analysis Batch: 876438

Client Sample ID: WAN-AP1-FB-07
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<0.20		10.0	10.4		mg/L		104	80 - 120	3	15
Fluoride	<0.040		2.00	2.00		mg/L		100	80 - 120	1	15
Sulfate	<0.40		10.0	10.3		mg/L		103	80 - 120	3	15

Lab Sample ID: MB 680-876527/2
Matrix: Water
Analysis Batch: 876527

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			02/20/25 10:04	1
Fluoride	<0.040		0.10	0.040	mg/L			02/20/25 10:04	1
Sulfate	<0.40		1.0	0.40	mg/L			02/20/25 10:04	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 680-876527/34
Matrix: Water
Analysis Batch: 876527

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			2.00	1.80		mg/L		90	90 - 110		
Sulfate			10.0	9.77		mg/L		98	90 - 110		

Lab Sample ID: LCSD 680-876527/35
Matrix: Water
Analysis Batch: 876527

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			10.0	9.69		mg/L		97	90 - 110	5	15
Fluoride			2.00	1.89		mg/L		94	90 - 110	5	15
Sulfate			10.0	10.2		mg/L		102	90 - 110	4	15

Lab Sample ID: 680-261849-14 MS
Matrix: Water
Analysis Batch: 876527

Client Sample ID: WAN-WGWC-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	3.7		10.0	14.2		mg/L		104	80 - 120		
Fluoride	<0.040		2.00	2.10		mg/L		105	80 - 120		
Sulfate	13		10.0	24.1		mg/L		115	80 - 120		

Lab Sample ID: 680-261849-14 MSD
Matrix: Water
Analysis Batch: 876527

Client Sample ID: WAN-WGWC-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3.7		10.0	14.1		mg/L		104	80 - 120	0	15
Fluoride	<0.040		2.00	2.12		mg/L		106	80 - 120	1	15
Sulfate	13		10.0	24.1		mg/L		115	80 - 120	0	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-875722/1-A
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 875722

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/14/25 06:27	02/17/25 13:28	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/14/25 06:27	02/17/25 13:28	1
Barium	<0.00089		0.010	0.00089	mg/L		02/14/25 06:27	02/17/25 13:28	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/14/25 06:27	02/17/25 13:28	1
Boron	<0.022		0.080	0.022	mg/L		02/14/25 06:27	02/17/25 13:28	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/14/25 06:27	02/17/25 13:28	1
Calcium	<0.14		0.50	0.14	mg/L		02/14/25 06:27	02/17/25 13:28	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/14/25 06:27	02/17/25 13:28	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/14/25 06:27	02/17/25 13:28	1
Iron	<0.012		0.050	0.012	mg/L		02/14/25 06:27	02/17/25 13:28	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/14/25 06:27	02/17/25 13:28	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/14/25 06:27	02/17/25 13:28	1

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

Lab Sample ID: MB 680-875722/1-A
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 875722

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	<0.023		0.50	0.023	mg/L		02/14/25 06:27	02/17/25 13:28	1
Manganese	<0.0022		0.0050	0.0022	mg/L		02/14/25 06:27	02/17/25 13:28	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/14/25 06:27	02/17/25 13:28	1
Potassium	<0.044		0.50	0.044	mg/L		02/14/25 06:27	02/17/25 13:28	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/14/25 06:27	02/17/25 13:28	1
Sodium	<0.20		0.50	0.20	mg/L		02/14/25 06:27	02/17/25 13:28	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/14/25 06:27	02/17/25 13:28	1

Lab Sample ID: LCS 680-875722/2-A
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 875722

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0483		mg/L		97	80 - 120
Arsenic	0.100	0.0996		mg/L		100	80 - 120
Barium	0.100	0.0968		mg/L		97	80 - 120
Beryllium	0.0500	0.0474		mg/L		95	80 - 120
Boron	0.400	0.399		mg/L		100	80 - 120
Cadmium	0.0500	0.0493		mg/L		99	80 - 120
Calcium	5.00	4.98		mg/L		100	80 - 120
Chromium	0.100	0.102		mg/L		102	80 - 120
Cobalt	0.0500	0.0517		mg/L		103	80 - 120
Iron	5.00	5.35		mg/L		107	80 - 120
Lead	0.500	0.520		mg/L		104	80 - 120
Lithium	0.500	0.489		mg/L		98	80 - 120
Magnesium	5.00	4.82		mg/L		96	80 - 120
Manganese	0.400	0.399		mg/L		100	80 - 120
Molybdenum	0.100	0.105		mg/L		105	80 - 120
Potassium	7.00	6.29		mg/L		90	80 - 120
Selenium	0.100	0.108		mg/L		108	80 - 120
Sodium	5.00	4.80		mg/L		96	80 - 120
Thallium	0.0500	0.0475		mg/L		95	80 - 120

Lab Sample ID: 680-261849-1 MS
Matrix: Water
Analysis Batch: 876144

Client Sample ID: WAN-WGWC-17
Prep Type: Total Recoverable
Prep Batch: 875722

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0491		mg/L		98	75 - 125
Arsenic	<0.00086		0.100	0.100		mg/L		100	75 - 125
Barium	0.012		0.100	0.109		mg/L		98	75 - 125
Beryllium	<0.00020		0.0500	0.0477		mg/L		95	75 - 125
Boron	<0.022		0.400	0.399		mg/L		100	75 - 125
Cadmium	<0.000078		0.0500	0.0509		mg/L		102	75 - 125
Calcium	5.8		5.00	10.7		mg/L		97	75 - 125
Chromium	<0.0012		0.100	0.103		mg/L		103	75 - 125
Cobalt	<0.00022		0.0500	0.0517		mg/L		103	75 - 125
Iron	0.088		5.00	5.38		mg/L		106	75 - 125
Lead	<0.00021		0.500	0.520		mg/L		104	75 - 125

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

Lab Sample ID: 680-261849-1 MS
Matrix: Water
Analysis Batch: 876144

Client Sample ID: WAN-WGWC-17
Prep Type: Total Recoverable
Prep Batch: 875722

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.0034	J	0.500	0.487		mg/L		97	75 - 125
Magnesium	3.4		5.00	8.11		mg/L		95	75 - 125
Manganese	0.0095		0.400	0.406		mg/L		99	75 - 125
Molybdenum	0.0023	J	0.100	0.107		mg/L		105	75 - 125
Potassium	1.4		7.00	7.65		mg/L		89	75 - 125
Selenium	<0.00099		0.100	0.108		mg/L		108	75 - 125
Sodium	8.8		5.00	13.5		mg/L		94	75 - 125
Thallium	<0.00026		0.0500	0.0481		mg/L		96	75 - 125

Lab Sample ID: 680-261849-1 MSD
Matrix: Water
Analysis Batch: 876144

Client Sample ID: WAN-WGWC-17
Prep Type: Total Recoverable
Prep Batch: 875722

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0499		mg/L		100	75 - 125	2	20
Arsenic	<0.00086		0.100	0.0997		mg/L		100	75 - 125	0	20
Barium	0.012		0.100	0.110		mg/L		98	75 - 125	1	20
Beryllium	<0.00020		0.0500	0.0480		mg/L		96	75 - 125	1	20
Boron	<0.022		0.400	0.415		mg/L		104	75 - 125	4	20
Cadmium	<0.000078		0.0500	0.0502		mg/L		100	75 - 125	1	20
Calcium	5.8		5.00	10.6		mg/L		96	75 - 125	1	20
Chromium	<0.0012		0.100	0.103		mg/L		103	75 - 125	0	20
Cobalt	<0.00022		0.0500	0.0523		mg/L		105	75 - 125	1	20
Iron	0.088		5.00	5.44		mg/L		107	75 - 125	1	20
Lead	<0.00021		0.500	0.527		mg/L		105	75 - 125	1	20
Lithium	0.0034	J	0.500	0.495		mg/L		98	75 - 125	1	20
Magnesium	3.4		5.00	8.11		mg/L		95	75 - 125	0	20
Manganese	0.0095		0.400	0.406		mg/L		99	75 - 125	0	20
Molybdenum	0.0023	J	0.100	0.108		mg/L		106	75 - 125	1	20
Potassium	1.4		7.00	7.70		mg/L		89	75 - 125	1	20
Selenium	<0.00099		0.100	0.109		mg/L		109	75 - 125	1	20
Sodium	8.8		5.00	13.7		mg/L		98	75 - 125	2	20
Thallium	<0.00026		0.0500	0.0488		mg/L		98	75 - 125	2	20

Lab Sample ID: MB 680-875725/1-A
Matrix: Water
Analysis Batch: 875953

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 875725

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/14/25 06:27	02/14/25 13:34	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/14/25 06:27	02/14/25 13:34	1
Barium	<0.00089		0.010	0.00089	mg/L		02/14/25 06:27	02/14/25 13:34	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/14/25 06:27	02/14/25 13:34	1
Boron	<0.022		0.080	0.022	mg/L		02/14/25 06:27	02/14/25 13:34	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/14/25 06:27	02/14/25 13:34	1
Calcium	<0.14		0.50	0.14	mg/L		02/14/25 06:27	02/14/25 13:34	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/14/25 06:27	02/14/25 13:34	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/14/25 06:27	02/14/25 13:34	1
Iron	<0.012		0.050	0.012	mg/L		02/14/25 06:27	02/14/25 13:34	1

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

Lab Sample ID: MB 680-875725/1-A
Matrix: Water
Analysis Batch: 875953

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 875725

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.00021		0.0010	0.00021	mg/L		02/14/25 06:27	02/14/25 13:34	1
Lithium	0.00358	J	0.0050	0.0020	mg/L		02/14/25 06:27	02/14/25 13:34	1
Magnesium	<0.023		0.50	0.023	mg/L		02/14/25 06:27	02/14/25 13:34	1
Manganese	<0.0022		0.0050	0.0022	mg/L		02/14/25 06:27	02/14/25 13:34	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/14/25 06:27	02/14/25 13:34	1
Potassium	<0.044		0.50	0.044	mg/L		02/14/25 06:27	02/14/25 13:34	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/14/25 06:27	02/14/25 13:34	1
Sodium	<0.20		0.50	0.20	mg/L		02/14/25 06:27	02/14/25 13:34	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/14/25 06:27	02/14/25 13:34	1

Lab Sample ID: LCS 680-875725/2-A
Matrix: Water
Analysis Batch: 875953

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 875725

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0524		mg/L		105	80 - 120
Arsenic	0.100	0.107		mg/L		107	80 - 120
Barium	0.100	0.109		mg/L		109	80 - 120
Beryllium	0.0500	0.0528		mg/L		106	80 - 120
Boron	0.400	0.439		mg/L		110	80 - 120
Cadmium	0.0500	0.0552		mg/L		110	80 - 120
Calcium	5.00	5.41		mg/L		108	80 - 120
Chromium	0.100	0.119		mg/L		119	80 - 120
Cobalt	0.0500	0.0541		mg/L		108	80 - 120
Iron	5.00	5.49		mg/L		110	80 - 120
Lead	0.500	0.534		mg/L		107	80 - 120
Lithium	0.500	0.568		mg/L		114	80 - 120
Magnesium	5.00	5.61		mg/L		112	80 - 120
Manganese	0.400	0.439		mg/L		110	80 - 120
Molybdenum	0.100	0.108		mg/L		108	80 - 120
Potassium	7.00	7.66		mg/L		109	80 - 120
Selenium	0.100	0.110		mg/L		110	80 - 120
Sodium	5.00	5.68		mg/L		114	80 - 120
Thallium	0.0500	0.0539		mg/L		108	80 - 120

Lab Sample ID: 680-261849-5 MS
Matrix: Water
Analysis Batch: 875953

Client Sample ID: WAN-WGWA-2
Prep Type: Total Recoverable
Prep Batch: 875725

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0502		mg/L		100	75 - 125
Arsenic	<0.00086		0.100	0.105		mg/L		105	75 - 125
Barium	0.023		0.100	0.128		mg/L		104	75 - 125
Beryllium	<0.00020		0.0500	0.0520		mg/L		104	75 - 125
Boron	<0.022		0.400	0.452		mg/L		113	75 - 125
Cadmium	<0.000078		0.0500	0.0540		mg/L		108	75 - 125
Calcium	16		5.00	21.6		mg/L		113	75 - 125
Chromium	<0.0012		0.100	0.110		mg/L		110	75 - 125
Cobalt	0.00034	J	0.0500	0.0519		mg/L		103	75 - 125

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

Lab Sample ID: 680-261849-5 MS
Matrix: Water
Analysis Batch: 875953

Client Sample ID: WAN-WGWA-2
Prep Type: Total Recoverable
Prep Batch: 875725

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	<0.012		5.00	5.41		mg/L		108	75 - 125
Lead	<0.00021		0.500	0.516		mg/L		103	75 - 125
Lithium	0.013	B	0.500	0.570		mg/L		111	75 - 125
Magnesium	5.5		5.00	11.1		mg/L		111	75 - 125
Manganese	0.032		0.400	0.455		mg/L		106	75 - 125
Molybdenum	<0.00086		0.100	0.105		mg/L		105	75 - 125
Potassium	2.3		7.00	10.1		mg/L		111	75 - 125
Selenium	<0.00099		0.100	0.101		mg/L		101	75 - 125
Sodium	9.5		5.00	14.7		mg/L		104	75 - 125
Thallium	<0.00026		0.0500	0.0525		mg/L		105	75 - 125

Lab Sample ID: 680-261849-5 MSD
Matrix: Water
Analysis Batch: 875953

Client Sample ID: WAN-WGWA-2
Prep Type: Total Recoverable
Prep Batch: 875725

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0505		mg/L		101	75 - 125	1	20
Arsenic	<0.00086		0.100	0.105		mg/L		105	75 - 125	0	20
Barium	0.023		0.100	0.127		mg/L		104	75 - 125	0	20
Beryllium	<0.00020		0.0500	0.0535		mg/L		107	75 - 125	3	20
Boron	<0.022		0.400	0.456		mg/L		114	75 - 125	1	20
Cadmium	<0.000078		0.0500	0.0541		mg/L		108	75 - 125	0	20
Calcium	16		5.00	21.3		mg/L		105	75 - 125	2	20
Chromium	<0.0012		0.100	0.108		mg/L		108	75 - 125	1	20
Cobalt	0.00034	J	0.0500	0.0522		mg/L		104	75 - 125	1	20
Iron	<0.012		5.00	5.32		mg/L		106	75 - 125	2	20
Lead	<0.00021		0.500	0.520		mg/L		104	75 - 125	1	20
Lithium	0.013	B	0.500	0.564		mg/L		110	75 - 125	1	20
Magnesium	5.5		5.00	10.9		mg/L		108	75 - 125	1	20
Manganese	0.032		0.400	0.454		mg/L		106	75 - 125	0	20
Molybdenum	<0.00086		0.100	0.105		mg/L		105	75 - 125	0	20
Potassium	2.3		7.00	9.93		mg/L		108	75 - 125	2	20
Selenium	<0.00099		0.100	0.102		mg/L		102	75 - 125	1	20
Sodium	9.5		5.00	14.4		mg/L		99	75 - 125	2	20
Thallium	<0.00026		0.0500	0.0528		mg/L		106	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-876611/1-A
Matrix: Water
Analysis Batch: 876741

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 876611

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/21/25 10:54	02/23/25 16:11	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 680-876611/2-A
Matrix: Water
Analysis Batch: 876741

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 876611

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00257		mg/L		103	80 - 120		

Lab Sample ID: 680-261849-3 MS
Matrix: Water
Analysis Batch: 876741

Client Sample ID: WAN-AP1-FB-07
Prep Type: Total/NA
Prep Batch: 876611

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.000080		0.00100	0.000991		mg/L		99	80 - 120		

Lab Sample ID: 680-261849-3 MSD
Matrix: Water
Analysis Batch: 876741

Client Sample ID: WAN-AP1-FB-07
Prep Type: Total/NA
Prep Batch: 876611

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00102		mg/L		102	80 - 120	3	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-876080/4
Matrix: Water
Analysis Batch: 876080

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/17/25 20:57	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/17/25 20:57	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/17/25 20:57	1

Lab Sample ID: LCS 680-876080/6
Matrix: Water
Analysis Batch: 876080

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			250	246		mg/L		98	90 - 112		

Lab Sample ID: LCSD 680-876080/31
Matrix: Water
Analysis Batch: 876080

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3			250	255		mg/L		102	90 - 112	4	30

Lab Sample ID: 680-261849-6 DU
Matrix: Water
Analysis Batch: 876080

Client Sample ID: WAN-WGWA-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	12			12.0		mg/L				2	30
Bicarbonate Alkalinity as CaCO3	12			12.0		mg/L				2	30
Carbonate Alkalinity as CaCO3	<5.0			<5.0		mg/L				NC	30

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

Lab Sample ID: MB 680-876304/4
Matrix: Water
Analysis Batch: 876304

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/18/25 07:09	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/18/25 07:09	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/18/25 07:09	1

Lab Sample ID: LCS 680-876304/6
Matrix: Water
Analysis Batch: 876304

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			250	249		mg/L		100	90 - 112		

Lab Sample ID: LCSD 680-876304/31
Matrix: Water
Analysis Batch: 876304

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3			250	247		mg/L		99	90 - 112	1	30

Lab Sample ID: 680-261777-F-11 DU
Matrix: Water
Analysis Batch: 876304

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	40			16.1	F3	mg/L				85	30
Bicarbonate Alkalinity as CaCO3	40			16.1	F3	mg/L				85	30
Carbonate Alkalinity as CaCO3	<5.0			<5.0		mg/L				NC	30

Lab Sample ID: MB 680-876307/4
Matrix: Water
Analysis Batch: 876307

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/18/25 12:37	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/18/25 12:37	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/18/25 12:37	1

Lab Sample ID: LCS 680-876307/6
Matrix: Water
Analysis Batch: 876307

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			250	247		mg/L		99	90 - 112		

Lab Sample ID: LCSD 680-876307/31
Matrix: Water
Analysis Batch: 876307

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3			250	248		mg/L		99	90 - 112	0	30

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

Lab Sample ID: 680-261849-3 DU
Matrix: Water
Analysis Batch: 876307

Client Sample ID: WAN-AP1-FB-07
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	<5.0			<5.0		mg/L				NC	30
Bicarbonate Alkalinity as CaCO3	<5.0			<5.0		mg/L				NC	30
Carbonate Alkalinity as CaCO3	<5.0			<5.0		mg/L				NC	30

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-875918/1
Matrix: Water
Analysis Batch: 875918

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			02/17/25 08:32	1

Lab Sample ID: LCS 680-875918/2
Matrix: Water
Analysis Batch: 875918

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			2440	2450		mg/L		101	80 - 120		

Lab Sample ID: LCSD 680-875918/3
Matrix: Water
Analysis Batch: 875918

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2380		mg/L		97	80 - 120	3	25

Lab Sample ID: 680-261777-E-17 DU
Matrix: Water
Analysis Batch: 875918

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	510			524		mg/L				2	5

Lab Sample ID: MB 680-876097/1
Matrix: Water
Analysis Batch: 876097

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			02/18/25 07:09	1

Lab Sample ID: LCS 680-876097/2
Matrix: Water
Analysis Batch: 876097

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			2440	2420		mg/L		99	80 - 120		

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C) (Continued)

Lab Sample ID: LCSD 680-876097/3
Matrix: Water
Analysis Batch: 876097

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2400		mg/L		98	80 - 120	1	25

Lab Sample ID: 680-261849-11 DU
Matrix: Water
Analysis Batch: 876097

Client Sample ID: WAN-WGWC-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	630			632		mg/L				0.3	5

Method: 4500 S2 F-2011 - Sulfide, Total

Lab Sample ID: MB 680-875805/1
Matrix: Water
Analysis Batch: 875805

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<1.0		1.0	1.0	mg/L			02/14/25 11:48	1

Lab Sample ID: LCS 680-875805/2
Matrix: Water
Analysis Batch: 875805

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide			10.0	8.80		mg/L		88	75 - 125		

Lab Sample ID: LCSD 680-875805/3
Matrix: Water
Analysis Batch: 875805

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide			10.0	9.24		mg/L		92	75 - 125	5	30

Lab Sample ID: 680-261849-2 MS
Matrix: Water
Analysis Batch: 875805

Client Sample ID: WAN-AP1-FD-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide	<0.83		6.94	6.55		mg/L		94	75 - 125		

Lab Sample ID: 680-261849-2 MSD
Matrix: Water
Analysis Batch: 875805

Client Sample ID: WAN-AP1-FD-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	<0.83		6.94	6.55		mg/L		94	75 - 125	0	30

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

Job ID: 680-261849-1

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

Lab Sample ID: 680-261849-1 DU
Matrix: Water
Analysis Batch: 875805

Client Sample ID: WAN-WGWC-17
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Sulfide	<0.83			<0.82		mg/L				NC	30

HPLC/IC

Analysis Batch: 876438

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261849-1	WAN-WGWC-17	Total/NA	Water	300.0-1993 R2.1	
680-261849-2	WAN-AP1-FD-01	Total/NA	Water	300.0-1993 R2.1	
680-261849-3	WAN-AP1-FB-07	Total/NA	Water	300.0-1993 R2.1	
680-261849-4	WAN-WGWA-1	Total/NA	Water	300.0-1993 R2.1	
680-261849-5	WAN-WGWA-2	Total/NA	Water	300.0-1993 R2.1	
680-261849-6	WAN-WGWA-3	Total/NA	Water	300.0-1993 R2.1	
680-261849-7	WAN-WGWA-4	Total/NA	Water	300.0-1993 R2.1	
680-261849-8	WAN-WGWA-6	Total/NA	Water	300.0-1993 R2.1	
680-261849-9	WAN-WGWA-7	Total/NA	Water	300.0-1993 R2.1	
680-261849-10	WAN-WGWA-18	Total/NA	Water	300.0-1993 R2.1	
680-261849-11	WAN-WGWC-8	Total/NA	Water	300.0-1993 R2.1	
MB 680-876438/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-876438/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-876438/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-261849-3 MS	WAN-AP1-FB-07	Total/NA	Water	300.0-1993 R2.1	
680-261849-3 MSD	WAN-AP1-FB-07	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 876527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261849-12	WAN-WGWC-9	Total/NA	Water	300.0-1993 R2.1	
680-261849-13	WAN-WGWC-11	Total/NA	Water	300.0-1993 R2.1	
680-261849-14	WAN-WGWC-12	Total/NA	Water	300.0-1993 R2.1	
MB 680-876527/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-876527/34	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-876527/35	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-261849-14 MS	WAN-WGWC-12	Total/NA	Water	300.0-1993 R2.1	
680-261849-14 MSD	WAN-WGWC-12	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 875722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261849-1	WAN-WGWC-17	Total Recoverable	Water	3005A	
680-261849-6	WAN-WGWA-3	Total Recoverable	Water	3005A	
680-261849-7	WAN-WGWA-4	Total Recoverable	Water	3005A	
680-261849-8	WAN-WGWA-6	Total Recoverable	Water	3005A	
680-261849-9	WAN-WGWA-7	Total Recoverable	Water	3005A	
680-261849-11	WAN-WGWC-8	Total Recoverable	Water	3005A	
680-261849-12	WAN-WGWC-9	Total Recoverable	Water	3005A	
680-261849-13	WAN-WGWC-11	Total Recoverable	Water	3005A	
680-261849-14	WAN-WGWC-12	Total Recoverable	Water	3005A	
MB 680-875722/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-875722/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-261849-1 MS	WAN-WGWC-17	Total Recoverable	Water	3005A	
680-261849-1 MSD	WAN-WGWC-17	Total Recoverable	Water	3005A	

Prep Batch: 875725

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261849-2	WAN-AP1-FD-01	Total Recoverable	Water	3005A	
680-261849-3	WAN-AP1-FB-07	Total Recoverable	Water	3005A	
680-261849-4	WAN-WGWA-1	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 875725 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261849-5	WAN-WGWA-2	Total Recoverable	Water	3005A	
680-261849-10	WAN-WGWA-18	Total Recoverable	Water	3005A	
MB 680-875725/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-875725/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-261849-5 MS	WAN-WGWA-2	Total Recoverable	Water	3005A	
680-261849-5 MSD	WAN-WGWA-2	Total Recoverable	Water	3005A	

Analysis Batch: 875953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261849-2	WAN-AP1-FD-01	Total Recoverable	Water	6020B	875725
680-261849-3	WAN-AP1-FB-07	Total Recoverable	Water	6020B	875725
680-261849-4	WAN-WGWA-1	Total Recoverable	Water	6020B	875725
680-261849-5	WAN-WGWA-2	Total Recoverable	Water	6020B	875725
680-261849-10	WAN-WGWA-18	Total Recoverable	Water	6020B	875725
MB 680-875725/1-A	Method Blank	Total Recoverable	Water	6020B	875725
LCS 680-875725/2-A	Lab Control Sample	Total Recoverable	Water	6020B	875725
680-261849-5 MS	WAN-WGWA-2	Total Recoverable	Water	6020B	875725
680-261849-5 MSD	WAN-WGWA-2	Total Recoverable	Water	6020B	875725

Analysis Batch: 876144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261849-1	WAN-WGWC-17	Total Recoverable	Water	6020B	875722
680-261849-6	WAN-WGWA-3	Total Recoverable	Water	6020B	875722
680-261849-7	WAN-WGWA-4	Total Recoverable	Water	6020B	875722
680-261849-8	WAN-WGWA-6	Total Recoverable	Water	6020B	875722
680-261849-9	WAN-WGWA-7	Total Recoverable	Water	6020B	875722
680-261849-11	WAN-WGWC-8	Total Recoverable	Water	6020B	875722
680-261849-12	WAN-WGWC-9	Total Recoverable	Water	6020B	875722
680-261849-13	WAN-WGWC-11	Total Recoverable	Water	6020B	875722
680-261849-14	WAN-WGWC-12	Total Recoverable	Water	6020B	875722
MB 680-875722/1-A	Method Blank	Total Recoverable	Water	6020B	875722
LCS 680-875722/2-A	Lab Control Sample	Total Recoverable	Water	6020B	875722
680-261849-1 MS	WAN-WGWC-17	Total Recoverable	Water	6020B	875722
680-261849-1 MSD	WAN-WGWC-17	Total Recoverable	Water	6020B	875722

Prep Batch: 876611

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261849-1	WAN-WGWC-17	Total/NA	Water	7470A	
680-261849-2	WAN-AP1-FD-01	Total/NA	Water	7470A	
680-261849-3	WAN-AP1-FB-07	Total/NA	Water	7470A	
680-261849-4	WAN-WGWA-1	Total/NA	Water	7470A	
680-261849-5	WAN-WGWA-2	Total/NA	Water	7470A	
680-261849-6	WAN-WGWA-3	Total/NA	Water	7470A	
680-261849-7	WAN-WGWA-4	Total/NA	Water	7470A	
680-261849-8	WAN-WGWA-6	Total/NA	Water	7470A	
680-261849-9	WAN-WGWA-7	Total/NA	Water	7470A	
680-261849-10	WAN-WGWA-18	Total/NA	Water	7470A	
680-261849-11	WAN-WGWC-8	Total/NA	Water	7470A	
680-261849-12	WAN-WGWC-9	Total/NA	Water	7470A	
680-261849-13	WAN-WGWC-11	Total/NA	Water	7470A	
680-261849-14	WAN-WGWC-12	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 876611 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-876611/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-876611/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-261849-3 MS	WAN-AP1-FB-07	Total/NA	Water	7470A	
680-261849-3 MSD	WAN-AP1-FB-07	Total/NA	Water	7470A	

Analysis Batch: 876741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261849-1	WAN-WGWC-17	Total/NA	Water	7470A	876611
680-261849-2	WAN-AP1-FD-01	Total/NA	Water	7470A	876611
680-261849-3	WAN-AP1-FB-07	Total/NA	Water	7470A	876611
680-261849-4	WAN-WGWA-1	Total/NA	Water	7470A	876611
680-261849-5	WAN-WGWA-2	Total/NA	Water	7470A	876611
680-261849-6	WAN-WGWA-3	Total/NA	Water	7470A	876611
680-261849-7	WAN-WGWA-4	Total/NA	Water	7470A	876611
680-261849-8	WAN-WGWA-6	Total/NA	Water	7470A	876611
680-261849-9	WAN-WGWA-7	Total/NA	Water	7470A	876611
680-261849-10	WAN-WGWA-18	Total/NA	Water	7470A	876611
680-261849-11	WAN-WGWC-8	Total/NA	Water	7470A	876611
680-261849-12	WAN-WGWC-9	Total/NA	Water	7470A	876611
680-261849-13	WAN-WGWC-11	Total/NA	Water	7470A	876611
680-261849-14	WAN-WGWC-12	Total/NA	Water	7470A	876611
MB 680-876611/1-A	Method Blank	Total/NA	Water	7470A	876611
LCS 680-876611/2-A	Lab Control Sample	Total/NA	Water	7470A	876611
680-261849-3 MS	WAN-AP1-FB-07	Total/NA	Water	7470A	876611
680-261849-3 MSD	WAN-AP1-FB-07	Total/NA	Water	7470A	876611

General Chemistry

Analysis Batch: 875805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261849-1	WAN-WGWC-17	Total/NA	Water	4500 S2 F-2011	
680-261849-2	WAN-AP1-FD-01	Total/NA	Water	4500 S2 F-2011	
680-261849-3	WAN-AP1-FB-07	Total/NA	Water	4500 S2 F-2011	
680-261849-4	WAN-WGWA-1	Total/NA	Water	4500 S2 F-2011	
680-261849-5	WAN-WGWA-2	Total/NA	Water	4500 S2 F-2011	
680-261849-6	WAN-WGWA-3	Total/NA	Water	4500 S2 F-2011	
680-261849-7	WAN-WGWA-4	Total/NA	Water	4500 S2 F-2011	
680-261849-8	WAN-WGWA-6	Total/NA	Water	4500 S2 F-2011	
680-261849-9	WAN-WGWA-7	Total/NA	Water	4500 S2 F-2011	
680-261849-10	WAN-WGWA-18	Total/NA	Water	4500 S2 F-2011	
680-261849-11	WAN-WGWC-8	Total/NA	Water	4500 S2 F-2011	
680-261849-12	WAN-WGWC-9	Total/NA	Water	4500 S2 F-2011	
680-261849-13	WAN-WGWC-11	Total/NA	Water	4500 S2 F-2011	
680-261849-14	WAN-WGWC-12	Total/NA	Water	4500 S2 F-2011	
MB 680-875805/1	Method Blank	Total/NA	Water	4500 S2 F-2011	
LCS 680-875805/2	Lab Control Sample	Total/NA	Water	4500 S2 F-2011	
LCSD 680-875805/3	Lab Control Sample Dup	Total/NA	Water	4500 S2 F-2011	
680-261849-2 MS	WAN-AP1-FD-01	Total/NA	Water	4500 S2 F-2011	
680-261849-2 MSD	WAN-AP1-FD-01	Total/NA	Water	4500 S2 F-2011	
680-261849-1 DU	WAN-WGWC-17	Total/NA	Water	4500 S2 F-2011	

General Chemistry

Analysis Batch: 875918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261849-1	WAN-WGWC-17	Total/NA	Water	2540C-2011	
680-261849-2	WAN-AP1-FD-01	Total/NA	Water	2540C-2011	
680-261849-4	WAN-WGWA-1	Total/NA	Water	2540C-2011	
680-261849-5	WAN-WGWA-2	Total/NA	Water	2540C-2011	
680-261849-6	WAN-WGWA-3	Total/NA	Water	2540C-2011	
MB 680-875918/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-875918/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-875918/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-261777-E-17 DU	Duplicate	Total/NA	Water	2540C-2011	

Analysis Batch: 876080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261849-1	WAN-WGWC-17	Total/NA	Water	2320B-2011	
680-261849-2	WAN-AP1-FD-01	Total/NA	Water	2320B-2011	
680-261849-4	WAN-WGWA-1	Total/NA	Water	2320B-2011	
680-261849-5	WAN-WGWA-2	Total/NA	Water	2320B-2011	
680-261849-6	WAN-WGWA-3	Total/NA	Water	2320B-2011	
MB 680-876080/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-876080/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-876080/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-261849-6 DU	WAN-WGWA-3	Total/NA	Water	2320B-2011	

Analysis Batch: 876097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261849-3	WAN-AP1-FB-07	Total/NA	Water	2540C-2011	
680-261849-7	WAN-WGWA-4	Total/NA	Water	2540C-2011	
680-261849-8	WAN-WGWA-6	Total/NA	Water	2540C-2011	
680-261849-9	WAN-WGWA-7	Total/NA	Water	2540C-2011	
680-261849-10	WAN-WGWA-18	Total/NA	Water	2540C-2011	
680-261849-11	WAN-WGWC-8	Total/NA	Water	2540C-2011	
680-261849-12	WAN-WGWC-9	Total/NA	Water	2540C-2011	
680-261849-13	WAN-WGWC-11	Total/NA	Water	2540C-2011	
680-261849-14	WAN-WGWC-12	Total/NA	Water	2540C-2011	
MB 680-876097/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-876097/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-876097/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-261849-11 DU	WAN-WGWC-8	Total/NA	Water	2540C-2011	

Analysis Batch: 876304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261849-7	WAN-WGWA-4	Total/NA	Water	2320B-2011	
680-261849-8	WAN-WGWA-6	Total/NA	Water	2320B-2011	
680-261849-9	WAN-WGWA-7	Total/NA	Water	2320B-2011	
680-261849-10	WAN-WGWA-18	Total/NA	Water	2320B-2011	
680-261849-12	WAN-WGWC-9	Total/NA	Water	2320B-2011	
680-261849-14	WAN-WGWC-12	Total/NA	Water	2320B-2011	
MB 680-876304/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-876304/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-876304/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-261777-F-11 DU	Duplicate	Total/NA	Water	2320B-2011	

QC Association Summary

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

Job ID: 680-261849-1

General Chemistry

Analysis Batch: 876307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261849-3	WAN-AP1-FB-07	Total/NA	Water	2320B-2011	
680-261849-11	WAN-WGWC-8	Total/NA	Water	2320B-2011	
680-261849-13	WAN-WGWC-11	Total/NA	Water	2320B-2011	
MB 680-876307/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-876307/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-876307/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-261849-3 DU	WAN-AP1-FB-07	Total/NA	Water	2320B-2011	

Lab Chronicle

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

Job ID: 680-261849-1

Client Sample ID: WAN-WGWC-17

Lab Sample ID: 680-261849-1

Date Collected: 02/11/25 13:27

Matrix: Water

Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	876438	02/20/25 13:43	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875722	02/14/25 06:27	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 13:37	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Prep	7470A			50 mL	50 mL	876611	02/21/25 10:54	MG	EET SAV
Total/NA	Analysis	7470A		1			876741	02/23/25 16:29	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876080	02/18/25 00:57	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	875918	02/17/25 08:32	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	300 mL	300 mL	875805	02/14/25 11:48	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: WAN-AP1-FD-01

Lab Sample ID: 680-261849-2

Date Collected: 02/11/25 00:00

Matrix: Water

Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		2	2 mL	2 mL	876438	02/20/25 14:41	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875725	02/14/25 06:27	RR	EET SAV
Total Recoverable	Analysis	6020B		1			875953	02/14/25 13:50	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	876611	02/21/25 10:54	MG	EET SAV
Total/NA	Analysis	7470A		1			876741	02/23/25 16:55	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876080	02/17/25 21:46	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	875918	02/17/25 08:32	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	300 mL	300 mL	875805	02/14/25 11:48	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: WAN-AP1-FB-07

Lab Sample ID: 680-261849-3

Date Collected: 02/11/25 13:50

Matrix: Water

Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	876438	02/20/25 14:16	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875725	02/14/25 06:27	RR	EET SAV
Total Recoverable	Analysis	6020B		1			875953	02/14/25 13:44	BWR	EET SAV
	Instrument ID: ICPMSG									

Lab Chronicle

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

Job ID: 680-261849-1

Client Sample ID: WAN-AP1-FB-07

Lab Sample ID: 680-261849-3

Date Collected: 02/11/25 13:50
Date Received: 02/13/25 10:28

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	876611	02/21/25 10:54	MG	EET SAV
Total/NA	Analysis	7470A		1			876741	02/23/25 16:15	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876307	02/18/25 13:01	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876097	02/18/25 07:09	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	300 mL	300 mL	875805	02/14/25 11:48	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: WAN-WGWA-1

Lab Sample ID: 680-261849-4

Date Collected: 02/10/25 16:50
Date Received: 02/13/25 10:28

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	876438	02/20/25 14:49	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875725	02/14/25 06:27	RR	EET SAV
Total Recoverable	Analysis	6020B		1			875953	02/14/25 13:48	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	876611	02/21/25 10:54	MG	EET SAV
Total/NA	Analysis	7470A		1			876741	02/23/25 16:53	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876080	02/17/25 21:37	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	875918	02/17/25 08:32	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	300 mL	300 mL	875805	02/14/25 11:48	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: WAN-WGWA-2

Lab Sample ID: 680-261849-5

Date Collected: 02/10/25 16:25
Date Received: 02/13/25 10:28

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	876438	02/20/25 14:57	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875725	02/14/25 06:27	RR	EET SAV
Total Recoverable	Analysis	6020B		1			875953	02/14/25 13:38	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	876611	02/21/25 10:54	MG	EET SAV
Total/NA	Analysis	7470A		1			876741	02/23/25 17:14	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876080	02/17/25 21:55	PG	EET SAV
	Instrument ID: MANTECH 2									

Lab Chronicle

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

Job ID: 680-261849-1

Client Sample ID: WAN-WGWA-2

Lab Sample ID: 680-261849-5
Date Collected: 02/10/25 16:25
Matrix: Water
Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	875918	02/17/25 08:32	PG	EET SAV
Total/NA	Analysis	4500 S2 F-2011		1	310 mL	310 mL	875805	02/14/25 11:48	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: WAN-WGWA-3

Lab Sample ID: 680-261849-6
Date Collected: 02/10/25 16:46
Matrix: Water
Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	876438	02/20/25 15:05	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875722	02/14/25 06:27	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 13:49	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Prep	7470A			50 mL	50 mL	876611	02/21/25 10:54	MG	EET SAV
Total/NA	Analysis	7470A		1			876741	02/23/25 16:48	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876080	02/17/25 21:23	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	875918	02/17/25 08:32	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	310 mL	310 mL	875805	02/14/25 11:48	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: WAN-WGWA-4

Lab Sample ID: 680-261849-7
Date Collected: 02/11/25 10:05
Matrix: Water
Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	876438	02/20/25 15:14	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875722	02/14/25 06:27	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 15:10	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Prep	7470A			50 mL	50 mL	876611	02/21/25 10:54	MG	EET SAV
Total/NA	Analysis	7470A		1			876741	02/23/25 16:27	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876304	02/18/25 10:36	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876097	02/18/25 07:09	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	305 mL	305 mL	875805	02/14/25 11:48	JAS	EET SAV
	Instrument ID: NoEquip									

Lab Chronicle

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

Job ID: 680-261849-1

Client Sample ID: WAN-WGWA-6

Lab Sample ID: 680-261849-8

Date Collected: 02/11/25 11:35

Matrix: Water

Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	876438	02/20/25 15:22	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875722	02/14/25 06:27	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 15:06	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Prep	7470A			50 mL	50 mL	876611	02/21/25 10:54	MG	EET SAV
Total/NA	Analysis	7470A		1			876741	02/23/25 16:44	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876304	02/18/25 10:10	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876097	02/18/25 07:09	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	310 mL	310 mL	875805	02/14/25 11:48	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: WAN-WGWA-7

Lab Sample ID: 680-261849-9

Date Collected: 02/11/25 13:20

Matrix: Water

Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	876438	02/20/25 15:30	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875722	02/14/25 06:27	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 14:38	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Prep	7470A			50 mL	50 mL	876611	02/21/25 10:54	MG	EET SAV
Total/NA	Analysis	7470A		1			876741	02/23/25 16:25	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876304	02/18/25 10:45	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876097	02/18/25 07:09	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	280 mL	280 mL	875805	02/14/25 11:48	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: WAN-WGWA-18

Lab Sample ID: 680-261849-10

Date Collected: 02/11/25 11:15

Matrix: Water

Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	876438	02/20/25 15:38	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875725	02/14/25 06:27	RR	EET SAV
Total Recoverable	Analysis	6020B		1			875953	02/14/25 13:46	BWR	EET SAV
	Instrument ID: ICPMSG									

Lab Chronicle

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

Job ID: 680-261849-1

Client Sample ID: WAN-WGWA-18

Lab Sample ID: 680-261849-10

Date Collected: 02/11/25 11:15

Matrix: Water

Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	876611	02/21/25 10:54	MG	EET SAV
Total/NA	Analysis	7470A		1			876741	02/23/25 17:12	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876304	02/18/25 10:27	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876097	02/18/25 07:09	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	300 mL	300 mL	875805	02/14/25 11:48	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: WAN-WGWC-8

Lab Sample ID: 680-261849-11

Date Collected: 02/11/25 14:50

Matrix: Water

Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		10	2 mL	2 mL	876438	02/20/25 15:46	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875722	02/14/25 06:27	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 14:42	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Prep	7470A			50 mL	50 mL	876611	02/21/25 10:54	MG	EET SAV
Total/NA	Analysis	7470A		1			876741	02/23/25 16:51	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876307	02/18/25 13:20	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	876097	02/18/25 07:09	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	300 mL	300 mL	875805	02/14/25 11:48	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: WAN-WGWC-9

Lab Sample ID: 680-261849-12

Date Collected: 02/11/25 16:06

Matrix: Water

Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	876527	02/20/25 18:11	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875722	02/14/25 06:27	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 14:25	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Prep	7470A			50 mL	50 mL	876611	02/21/25 10:54	MG	EET SAV
Total/NA	Analysis	7470A		1			876741	02/23/25 16:41	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876304	02/18/25 10:53	PG	EET SAV
	Instrument ID: MANTECH 2									

Lab Chronicle

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

Job ID: 680-261849-1

Client Sample ID: WAN-WGWC-9

Lab Sample ID: 680-261849-12
Date Collected: 02/11/25 16:06
Matrix: Water
Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876097	02/18/25 07:09	PG	EET SAV
Total/NA	Analysis	4500 S2 F-2011		1	300 mL	300 mL	875805	02/14/25 11:48	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: WAN-WGWC-11

Lab Sample ID: 680-261849-13
Date Collected: 02/11/25 16:08
Matrix: Water
Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	876527	02/20/25 18:19	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875722	02/14/25 06:27	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 14:29	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Prep	7470A			50 mL	50 mL	876611	02/21/25 10:54	MG	EET SAV
Total/NA	Analysis	7470A		1			876741	02/23/25 16:36	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876307	02/18/25 13:14	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876097	02/18/25 07:09	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	300 mL	300 mL	875805	02/14/25 11:48	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: WAN-WGWC-12

Lab Sample ID: 680-261849-14
Date Collected: 02/11/25 14:50
Matrix: Water
Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	876527	02/20/25 17:46	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875722	02/14/25 06:27	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876144	02/17/25 14:21	BWR	EET SAV
	Instrument ID: ICPMSC									
Total/NA	Prep	7470A			50 mL	50 mL	876611	02/21/25 10:54	MG	EET SAV
Total/NA	Analysis	7470A		1			876741	02/23/25 17:05	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876304	02/18/25 10:19	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876097	02/18/25 07:09	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	280 mL	280 mL	875805	02/14/25 11:49	JAS	EET SAV
	Instrument ID: NoEquip									

Lab Chronicle

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

Job ID: 680-261849-1

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-261849-1
Project/Site: Plant Wansley - Ash Pond

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

Method Summary

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

Job ID: 680-261849-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
4500 S2 F-2011	Sulfide, Total	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

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:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Test America, Savannah
5102 LaRoche Ave
Savannah, GA 31404
Phone (912) 354-7858 Fax (912) 352-0165

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: J. Berrsford, J. Mag, ACC D. Johnson	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: david.fuller@et.eurofinsus.com		Page: 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 #: 68027766			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004			
Project Name: Plant Wansley Ash Pond	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Task_Code: WAN-CCR-ASSMT-2025S1

Special Instructions/Note: Full APP III and APP IV

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=Comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=equality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	App III Metals: B, Ca	Cl, F, SO & TDS (EPA 300 & SM 2540C)	App IV Metals (EPA 6020/7470): Sb,As,Ba,Be,Cd,Cr,Co,Pb,Li,Hg,Mo,Se,Tl	Radium 226 & 228 (SW-846 9315/9320)	Major Ions - Carbonate, Bicarbonate, Total Alkalinity	Major Ions - Sulfide	Major Ions - Iron, Magnesium, Manganese, Potassium, Sodium	Total Number of containers
			Preservation Code:				D	I	D	D	I	B, C	D	
WAN- WGWC-17	02/11/25	1327	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- API-FD-01	02/11/25	—	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- API-FB-07	02/11/25	1350	G	WQ		N	✓	✓	✓	✓	✓	✓	✓	8
WAN-			G			N								
WAN-			G			N								
WAN-			G			N								
WAN-			G			N								
WAN-			G			N								
WAN-			G			N								
WAN-			G			N								
WAN-			G			N								

680-261849 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:
			d

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		2/12/25 0857	ACC		2-12-25 857	
2					2/13/25 1028	
3						

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

Cooler Temperature(s) °C and Other Remarks: 0.1° 0.5° 2.3° 1.5° 3.2°

4.1/4.2 3.5/3.5 3.8/3.8 0.6/0.6 0.2/0.2 3.3/3.8

Eurofins Test America, Savannah
5102 LaRoche Ave
Savannah, GA 31404
Phone (912) 354-7858 Fax (912) 352-0165

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: d. Johnson, ACC J. Beris Ford, J. May	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No: 1 of 2 ~~3~~
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 #: 68027766			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004			
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-2025S1

Special Instructions/Note: Full APP III and APP IV

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)	App III Metals: B, Ca	Cl, F, SO & TDS (EPA 300 & SM 2540C)	App IV Metals (EPA 6020/7470): Sb,As,Ba,Be,Cd,Cr,Co,Pb,Li,Hg,Mo,Se,Tl	Radium 226 & 228 (SW-846 9315/9320)	Major Ions - Carbonate, Bicarbonate, Total Alkalinity	Major Ions - Sulfide	Major Ions - Iron, Magnesium, Manganese, Potassium, Sodium	Total Number of containers
			Preservation Code:				D	I	D	D	I	B, C	D	
WAN- WGWA-1	02/10/25	1650	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- WGWA-2	02/10/25	1625	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- WGWA-3	02/10/25	1646	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- WGWA-4	02/11/25	1005	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- WGWA-6	02/11/25	1135	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- WGWA-7	02/11/25	1320	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- WGWA-18	02/11/25	1115	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- WGWC-8	02/11/25	1450	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- WGWC-9	02/11/25	1606	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- WGWC-11	02/11/25	1608	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- WGWC-12	02/11/25	1450	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8

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
1		2/12/25 0857	ACI	Anna Neal	2-12-25 857	
2					2/13/25 1028	
3						

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

Cooler Temperature(s) °C and Other Remarks: 4.4/4.8 3.5/3.5 3.8/3.8 0.6/0.6 0.2/0.2 3.8/3.8

Ver: 01/16/2019

2/24/2025

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-261849-1

Login Number: 261849
List Number: 1
Creator: Johnson, Corey M

List Source: Eurofins Savannah

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

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

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

ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/18/2025 7:55:28 AM

JOB DESCRIPTION

Plant Wansley - Ash Pond

JOB NUMBER

680-261849-2

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

myEOL

Job Notes

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

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

Authorization



Generated
3/18/2025 7:55:28 AM

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

Definitions/Glossary

Client: Southern Company
Job ID: 680-261849-2
Project/Site: Plant Wansley - Ash Pond

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

Sample Summary

Client: Southern Company
Job ID: 680-261849-2
Project/Site: Plant Wansley - Ash Pond

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-261849-1	WAN-WGWC-17	Water	02/11/25 13:27	02/13/25 10:28
680-261849-2	WAN-AP1-FD-01	Water	02/11/25 00:00	02/13/25 10:28
680-261849-3	WAN-AP1-FB-07	Water	02/11/25 13:50	02/13/25 10:28
680-261849-4	WAN-WGWA-1	Water	02/10/25 16:50	02/13/25 10:28
680-261849-5	WAN-WGWA-2	Water	02/10/25 16:25	02/13/25 10:28
680-261849-6	WAN-WGWA-3	Water	02/10/25 16:46	02/13/25 10:28
680-261849-7	WAN-WGWA-4	Water	02/11/25 10:05	02/13/25 10:28
680-261849-8	WAN-WGWA-6	Water	02/11/25 11:35	02/13/25 10:28
680-261849-9	WAN-WGWA-7	Water	02/11/25 13:20	02/13/25 10:28
680-261849-10	WAN-WGWA-18	Water	02/11/25 11:15	02/13/25 10:28
680-261849-11	WAN-WGWC-8	Water	02/11/25 14:50	02/13/25 10:28
680-261849-12	WAN-WGWC-9	Water	02/11/25 16:06	02/13/25 10:28
680-261849-13	WAN-WGWC-11	Water	02/11/25 16:08	02/13/25 10:28
680-261849-14	WAN-WGWC-12	Water	02/11/25 14:50	02/13/25 10:28

Job ID: 680-261849-2 — Eurofins Savannah

Job Narrative
680-261849-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 2/13/2025 10:28 AM. 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, 0.6°C, 3.5°C, 3.8°C, 3.8°C and 4.2°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 ID: WAN-WGWC-17

Lab Sample ID: 680-261849-1

Date Collected: 02/11/25 13:27

Matrix: Water

Date Received: 02/13/25 10:28

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.161	U	0.141	0.142	1.00	0.213	pCi/L	02/18/25 10:00	03/14/25 07:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.6*		*30 - 110*	*02/18/25 10:00*	*03/14/25 07:37*	*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	0.478	U	0.519	0.521	1.00	0.848	pCi/L	02/18/25 10:04	03/12/25 14:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.6*		*30 - 110*	*02/18/25 10:04*	*03/12/25 14:17*	*1*
Y Carrier	*84.1*		*30 - 110*	*02/18/25 10:04*	*03/12/25 14:17*	*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	0.639	U	0.538	0.540	2.00	0.848	pCi/L		03/17/25 12:55	1

Client Sample ID: WAN-AP1-FD-01

Lab Sample ID: 680-261849-2

Date Collected: 02/11/25 00:00

Matrix: Water

Date Received: 02/13/25 10:28

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.160	U	0.136	0.137	1.00	0.204	pCi/L	02/18/25 10:00	03/14/25 07:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.5*		*30 - 110*	*02/18/25 10:00*	*03/14/25 07:37*	*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	**1.50**		0.548	0.565	1.00	0.692	pCi/L	02/18/25 10:04	03/12/25 14:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.5*		*30 - 110*	*02/18/25 10:04*	*03/12/25 14:19*	*1*
Y Carrier	*87.5*		*30 - 110*	*02/18/25 10:04*	*03/12/25 14:19*	*1*

Client Sample ID: WAN-AP1-FD-01

Lab Sample ID: 680-261849-2

Date Collected: 02/11/25 00:00
Matrix: Water
Date Received: 02/13/25 10:28

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	1.66		0.565	0.581	2.00	0.692	pCi/L		03/17/25 12:55	1

Client Sample ID: WAN-AP1-FB-07

Lab Sample ID: 680-261849-3

Date Collected: 02/11/25 13:50
Matrix: Water
Date Received: 02/13/25 10:28

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0352	U	0.118	0.118	1.00	0.247	pCi/L	02/18/25 10:00	03/14/25 09:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.8*		*30 - 110*	*02/18/25 10:00*	*03/14/25 09:25*	*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	1.00		0.525	0.534	1.00	0.739	pCi/L	02/18/25 10:04	03/12/25 14:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.8*		*30 - 110*	*02/18/25 10:04*	*03/12/25 14:19*	*1*
Y Carrier	*84.5*		*30 - 110*	*02/18/25 10:04*	*03/12/25 14:19*	*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	0.968		0.538	0.547	2.00	0.739	pCi/L		03/17/25 12:55	1

Client Sample ID: WAN-WGWA-1

Lab Sample ID: 680-261849-4

Date Collected: 02/10/25 16:50
Matrix: Water
Date Received: 02/13/25 10:28

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0167	U	0.101	0.101	1.00	0.200	pCi/L	02/18/25 10:00	03/14/25 09:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.8*		*30 - 110*	*02/18/25 10:00*	*03/14/25 09:25*	*1*

Client Sample ID: WAN-WGWA-1

Lab Sample ID: 680-261849-4

Date Collected: 02/10/25 16:50

Matrix: Water

Date Received: 02/13/25 10:28

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.57		0.580	0.598	1.00	0.728	pCi/L	02/18/25 10:04	03/12/25 14:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.8*		*30 - 110*	*02/18/25 10:04*	*03/12/25 14:19*	*1*
Y Carrier	*86.0*		*30 - 110*	*02/18/25 10:04*	*03/12/25 14:19*	*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		0.589	0.606	2.00	0.728	pCi/L		03/17/25 12:55	1

Client Sample ID: WAN-WGWA-2

Lab Sample ID: 680-261849-5

Date Collected: 02/10/25 16:25

Matrix: Water

Date Received: 02/13/25 10:28

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0474	U	0.109	0.109	1.00	0.199	pCi/L	02/18/25 10:00	03/14/25 09:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.1*		*30 - 110*	*02/18/25 10:00*	*03/14/25 09:25*	*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	0.405	U	0.443	0.445	1.00	0.722	pCi/L	02/18/25 10:04	03/12/25 14:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.1*		*30 - 110*	*02/18/25 10:04*	*03/12/25 14:19*	*1*
Y Carrier	*81.5*		*30 - 110*	*02/18/25 10:04*	*03/12/25 14:19*	*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	0.453	U	0.456	0.458	2.00	0.722	pCi/L		03/17/25 12:55	1

Client Sample ID: WAN-WGWA-3

Lab Sample ID: 680-261849-6

Date Collected: 02/10/25 16:46

Matrix: Water

Date Received: 02/13/25 10:28

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.158	U	0.132	0.133	1.00	0.195	pCi/L	02/18/25 10:00	03/14/25 09:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.8*		*30 - 110*	*02/18/25 10:00*	*03/14/25 09:25*	*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	**0.989**		0.508	0.516	1.00	0.699	pCi/L	02/18/25 10:04	03/12/25 14:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.8*		*30 - 110*	*02/18/25 10:04*	*03/12/25 14:20*	*1*
Y Carrier	*80.4*		*30 - 110*	*02/18/25 10:04*	*03/12/25 14:20*	*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	**1.15**		0.525	0.533	2.00	0.699	pCi/L		03/17/25 12:55	1

Client Sample ID: WAN-WGWA-4

Lab Sample ID: 680-261849-7

Date Collected: 02/11/25 10:05

Matrix: Water

Date Received: 02/13/25 10:28

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.613**		0.219	0.226	1.00	0.221	pCi/L	02/18/25 10:40	03/14/25 09:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.1*		*30 - 110*	*02/18/25 10:40*	*03/14/25 09:25*	*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	**1.83**		0.598	0.621	1.00	0.656	pCi/L	02/18/25 10:39	03/12/25 14:21	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.1*		*30 - 110*	*02/18/25 10:39*	*03/12/25 14:21*	*1*
Y Carrier	*80.4*		*30 - 110*	*02/18/25 10:39*	*03/12/25 14:21*	*1*

Client Sample ID: WAN-WGWA-4

Lab Sample ID: 680-261849-7

Date Collected: 02/11/25 10:05
Matrix: Water
Date Received: 02/13/25 10:28

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	2.44		0.637	0.661	2.00	0.656	pCi/L		03/17/25 12:55	1

Client Sample ID: WAN-WGWA-6

Lab Sample ID: 680-261849-8

Date Collected: 02/11/25 11:35
Matrix: Water
Date Received: 02/13/25 10:28

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	3.23		0.476	0.558	1.00	0.247	pCi/L	02/18/25 10:40	03/14/25 09:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*71.1*		*30 - 110*	*02/18/25 10:40*	*03/14/25 09:25*	*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	9.84		1.34	1.62	1.00	0.896	pCi/L	02/18/25 10:39	03/12/25 14:21	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*71.1*		*30 - 110*	*02/18/25 10:39*	*03/12/25 14:21*	*1*
Y Carrier	*76.3*		*30 - 110*	*02/18/25 10:39*	*03/12/25 14:21*	*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	13.1		1.42	1.71	2.00	0.896	pCi/L		03/17/25 12:55	1

Client Sample ID: WAN-WGWA-7

Lab Sample ID: 680-261849-9

Date Collected: 02/11/25 13:20
Matrix: Water
Date Received: 02/13/25 10:28

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0672	U	0.117	0.117	1.00	0.206	pCi/L	02/18/25 10:40	03/14/25 09:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.1*		*30 - 110*	*02/18/25 10:40*	*03/14/25 09:34*	*1*

Client Sample ID: WAN-WGWA-7

Lab Sample ID: 680-261849-9

Date Collected: 02/11/25 13:20

Matrix: Water

Date Received: 02/13/25 10:28

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.632	U	0.455	0.459	1.00	0.682	pCi/L	02/18/25 10:39	03/12/25 14:21	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.1*		*30 - 110*	*02/18/25 10:39*	*03/12/25 14:21*	*1*
Y Carrier	*83.0*		*30 - 110*	*02/18/25 10:39*	*03/12/25 14:21*	*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	**0.699**		0.470	0.474	2.00	0.682	pCi/L		03/17/25 12:55	1

Client Sample ID: WAN-WGWA-18

Lab Sample ID: 680-261849-10

Date Collected: 02/11/25 11:15

Matrix: Water

Date Received: 02/13/25 10:28

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.195	U	0.149	0.150	1.00	0.214	pCi/L	02/18/25 10:40	03/14/25 09:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.8*		*30 - 110*	*02/18/25 10:40*	*03/14/25 09:34*	*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	0.189	U	0.412	0.412	1.00	0.720	pCi/L	02/18/25 10:39	03/12/25 14:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.8*		*30 - 110*	*02/18/25 10:39*	*03/12/25 14:23*	*1*
Y Carrier	*88.6*		*30 - 110*	*02/18/25 10:39*	*03/12/25 14:23*	*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	0.383	U	0.438	0.438	2.00	0.720	pCi/L		03/17/25 12:55	1

Client Sample ID: WAN-WGWC-8

Lab Sample ID: 680-261849-11

Date Collected: 02/11/25 14:50

Matrix: Water

Date Received: 02/13/25 10:28

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.484		0.199	0.204	1.00	0.228	pCi/L	02/18/25 10:40	03/14/25 09:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.8*		*30 - 110*	*02/18/25 10:40*	*03/14/25 09:34*	*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	2.97		0.685	0.738	1.00	0.713	pCi/L	02/18/25 10:39	03/12/25 14:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.8*		*30 - 110*	*02/18/25 10:39*	*03/12/25 14:23*	*1*
Y Carrier	*85.6*		*30 - 110*	*02/18/25 10:39*	*03/12/25 14:23*	*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	3.46		0.713	0.766	2.00	0.713	pCi/L		03/17/25 12:55	1

Client Sample ID: WAN-WGWC-9

Lab Sample ID: 680-261849-12

Date Collected: 02/11/25 16:06

Matrix: Water

Date Received: 02/13/25 10:28

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0327	U	0.104	0.104	1.00	0.231	pCi/L	02/18/25 10:40	03/14/25 09:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.1*		*30 - 110*	*02/18/25 10:40*	*03/14/25 09:34*	*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	2.45		0.655	0.693	1.00	0.672	pCi/L	02/18/25 10:39	03/12/25 14:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.1*		*30 - 110*	*02/18/25 10:39*	*03/12/25 14:23*	*1*
Y Carrier	*86.7*		*30 - 110*	*02/18/25 10:39*	*03/12/25 14:23*	*1*

Client Sample ID: WAN-WGWC-9

Lab Sample ID: 680-261849-12

Date Collected: 02/11/25 16:06

Matrix: Water

Date Received: 02/13/25 10:28

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	2.41		0.663	0.701	2.00	0.672	pCi/L		03/17/25 12:55	1

Client Sample ID: WAN-WGWC-11

Lab Sample ID: 680-261849-13

Date Collected: 02/11/25 16:08

Matrix: Water

Date Received: 02/13/25 10:28

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0874	U	0.132	0.132	1.00	0.225	pCi/L	02/18/25 10:40	03/14/25 09:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.8*		*30 - 110*	*02/18/25 10:40*	*03/14/25 09:34*	*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	1.20		0.507	0.519	1.00	0.658	pCi/L	02/18/25 10:39	03/12/25 14:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.8*		*30 - 110*	*02/18/25 10:39*	*03/12/25 14:23*	*1*
Y Carrier	*85.2*		*30 - 110*	*02/18/25 10:39*	*03/12/25 14:23*	*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	1.28		0.524	0.536	2.00	0.658	pCi/L		03/17/25 12:55	1

Client Sample ID: WAN-WGWC-12

Lab Sample ID: 680-261849-14

Date Collected: 02/11/25 14:50

Matrix: Water

Date Received: 02/13/25 10:28

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	U	0.142	0.142	1.00	0.235	pCi/L	02/18/25 10:40	03/14/25 09:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*02/18/25 10:40*	*03/14/25 09:34*	*1*

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

Job ID: 680-261849-2

Client Sample ID: WAN-WGWC-12

Date Collected: 02/11/25 14:50
Date Received: 02/13/25 10:28

Lab Sample ID: 680-261849-14

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	0.779		0.503	0.508	1.00	0.749	pCi/L	02/18/25 10:39	03/12/25 14:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*02/18/25 10:39*	*03/12/25 14:23*	*1*
Y Carrier	*86.4*		*30 - 110*	*02/18/25 10:39*	*03/12/25 14:23*	*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	0.892		0.523	0.527	2.00	0.749	pCi/L		03/17/25 12:55	1

Tracer/Carrier Summary

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

Job ID: 680-261849-2

Method: 9315 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
500-263924-D-2-B MS	Matrix Spike	90.0
500-263924-E-2-A MSD	Matrix Spike Duplicate	91.5
680-261849-1	WAN-WGWC-17	86.6
680-261849-2	WAN-AP1-FD-01	92.5
680-261849-3	WAN-AP1-FB-07	86.8
680-261849-4	WAN-WGWA-1	86.8
680-261849-5	WAN-WGWA-2	89.1
680-261849-6	WAN-WGWA-3	87.8
680-261849-7	WAN-WGWA-4	81.1
680-261849-8	WAN-WGWA-6	71.1
680-261849-9	WAN-WGWA-7	85.1
680-261849-10	WAN-WGWA-18	81.8
680-261849-11	WAN-WGWC-8	92.8
680-261849-12	WAN-WGWC-9	84.1
680-261849-13	WAN-WGWC-11	90.8
680-261849-14	WAN-WGWC-12	84.8
LCS 160-703466/2-A	Lab Control Sample	84.6
MB 160-703466/1-A	Method Blank	90.0

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)
500-263924-D-2-D MS	Matrix Spike	90.0	83.4
500-263924-E-2-B MSD	Matrix Spike Duplicate	91.5	87.1
680-261849-1	WAN-WGWC-17	86.6	84.1
680-261849-2	WAN-AP1-FD-01	92.5	87.5
680-261849-3	WAN-AP1-FB-07	86.8	84.5
680-261849-4	WAN-WGWA-1	86.8	86.0
680-261849-5	WAN-WGWA-2	89.1	81.5
680-261849-6	WAN-WGWA-3	87.8	80.4
680-261849-7	WAN-WGWA-4	81.1	80.4
680-261849-8	WAN-WGWA-6	71.1	76.3
680-261849-9	WAN-WGWA-7	85.1	83.0
680-261849-10	WAN-WGWA-18	81.8	88.6
680-261849-11	WAN-WGWC-8	92.8	85.6
680-261849-12	WAN-WGWC-9	84.1	86.7
680-261849-13	WAN-WGWC-11	90.8	85.2
680-261849-14	WAN-WGWC-12	84.8	86.4
LCS 160-703468/2-A	Lab Control Sample	84.6	85.2
MB 160-703468/1-A	Method Blank	90.0	85.6

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-703466/1-A
Matrix: Water
Analysis Batch: 707648

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 703466

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.2189		0.144	0.145	1.00	0.196	pCi/L	02/18/25 10:00	03/14/25 07:43	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.0*		*30 - 110*	*02/18/25 10:00*	*03/14/25 07:43*	*1*

Lab Sample ID: LCS 160-703466/2-A
Matrix: Water
Analysis Batch: 707648

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 703466

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	7.683		0.992	1.00	0.249	pCi/L	80	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*84.6*		*30 - 110*

Lab Sample ID: 500-263924-D-2-B MS
Matrix: Water
Analysis Batch: 707648

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 703466

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226	0.137	U	9.57	7.940		0.989	1.00	0.269	pCi/L	82	60 - 140		

Carrier	*MS %Yield*	*MS Qualifier*	*Limits*
Ba Carrier	*90.0*		*30 - 110*

Lab Sample ID: 500-263924-E-2-A MSD
Matrix: Water
Analysis Batch: 707649

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 703466

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226	0.137	U	9.61	8.438		1.02	1.00	0.242	pCi/L	86	60 - 140	0.25	1

Carrier	*MSD %Yield*	*MSD Qualifier*	*Limits*
Ba Carrier	*91.5*		*30 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-703468/1-A
Matrix: Water
Analysis Batch: 707379

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 703468

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.4135	U	0.440	0.442	1.00	0.716	pCi/L	02/18/25 10:04	03/12/25 14:15	1

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

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	90.0		30 - 110	02/18/25 10:04	03/12/25 14:15	1
Y Carrier	85.6		30 - 110	02/18/25 10:04	03/12/25 14:15	1

Lab Sample ID: LCS 160-703468/2-A
Matrix: Water
Analysis Batch: 707379

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 703468

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.03	9.745		1.45	1.00	0.666	pCi/L	121	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	84.6		30 - 110
Y Carrier	85.2		30 - 110

Lab Sample ID: 500-263924-D-2-D MS
Matrix: Water
Analysis Batch: 707379

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 703468

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228	0.492	U	8.02	8.932		1.37	1.00	0.745	pCi/L	105	60 - 140		

Carrier	MS %Yield	MS Qualifier	Limits
Ba Carrier	90.0		30 - 110
Y Carrier	83.4		30 - 110

Lab Sample ID: 500-263924-E-2-B MSD
Matrix: Water
Analysis Batch: 707379

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 703468

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228	0.492	U	8.05	8.128		1.25	1.00	0.622	pCi/L	95	60 - 140	0.31	1

Carrier	MSD %Yield	MSD Qualifier	Limits
Ba Carrier	91.5		30 - 110
Y Carrier	87.1		30 - 110

QC Association Summary

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

Job ID: 680-261849-2

Rad

Prep Batch: 703466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261849-1	WAN-WGWC-17	Total/NA	Water	PrecSep-21	
680-261849-2	WAN-AP1-FD-01	Total/NA	Water	PrecSep-21	
680-261849-3	WAN-AP1-FB-07	Total/NA	Water	PrecSep-21	
680-261849-4	WAN-WGWA-1	Total/NA	Water	PrecSep-21	
680-261849-5	WAN-WGWA-2	Total/NA	Water	PrecSep-21	
680-261849-6	WAN-WGWA-3	Total/NA	Water	PrecSep-21	
680-261849-7	WAN-WGWA-4	Total/NA	Water	PrecSep-21	
680-261849-8	WAN-WGWA-6	Total/NA	Water	PrecSep-21	
680-261849-9	WAN-WGWA-7	Total/NA	Water	PrecSep-21	
680-261849-10	WAN-WGWA-18	Total/NA	Water	PrecSep-21	
680-261849-11	WAN-WGWC-8	Total/NA	Water	PrecSep-21	
680-261849-12	WAN-WGWC-9	Total/NA	Water	PrecSep-21	
680-261849-13	WAN-WGWC-11	Total/NA	Water	PrecSep-21	
680-261849-14	WAN-WGWC-12	Total/NA	Water	PrecSep-21	
MB 160-703466/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-703466/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-263924-D-2-B MS	Matrix Spike	Total/NA	Water	PrecSep-21	
500-263924-E-2-A MSD	Matrix Spike Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 703468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261849-1	WAN-WGWC-17	Total/NA	Water	PrecSep_0	
680-261849-2	WAN-AP1-FD-01	Total/NA	Water	PrecSep_0	
680-261849-3	WAN-AP1-FB-07	Total/NA	Water	PrecSep_0	
680-261849-4	WAN-WGWA-1	Total/NA	Water	PrecSep_0	
680-261849-5	WAN-WGWA-2	Total/NA	Water	PrecSep_0	
680-261849-6	WAN-WGWA-3	Total/NA	Water	PrecSep_0	
680-261849-7	WAN-WGWA-4	Total/NA	Water	PrecSep_0	
680-261849-8	WAN-WGWA-6	Total/NA	Water	PrecSep_0	
680-261849-9	WAN-WGWA-7	Total/NA	Water	PrecSep_0	
680-261849-10	WAN-WGWA-18	Total/NA	Water	PrecSep_0	
680-261849-11	WAN-WGWC-8	Total/NA	Water	PrecSep_0	
680-261849-12	WAN-WGWC-9	Total/NA	Water	PrecSep_0	
680-261849-13	WAN-WGWC-11	Total/NA	Water	PrecSep_0	
680-261849-14	WAN-WGWC-12	Total/NA	Water	PrecSep_0	
MB 160-703468/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-703468/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-263924-D-2-D MS	Matrix Spike	Total/NA	Water	PrecSep_0	
500-263924-E-2-B MSD	Matrix Spike Duplicate	Total/NA	Water	PrecSep_0	

Lab Chronicle

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

Job ID: 680-261849-2

Client Sample ID: WAN-WGWC-17

Lab Sample ID: 680-261849-1

Date Collected: 02/11/25 13:27

Matrix: Water

Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1002.36 mL	1.0 g	703466	02/18/25 10:00	MLT	EET SL
Total/NA	Analysis	9315		1			707649	03/14/25 07:37	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1002.36 mL	1.0 g	703468	02/18/25 10:04	MLT	EET SL
Total/NA	Analysis	9320		1			707379	03/12/25 14:17	SWS	EET SL
	Instrument ID: GFPCRED									
Total/NA	Analysis	Ra226_Ra228		1			708154	03/17/25 12:55	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-AP1-FD-01

Lab Sample ID: 680-261849-2

Date Collected: 02/11/25 00:00

Matrix: Water

Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.92 mL	1.0 g	703466	02/18/25 10:00	MLT	EET SL
Total/NA	Analysis	9315		1			707649	03/14/25 07:37	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1000.92 mL	1.0 g	703468	02/18/25 10:04	MLT	EET SL
Total/NA	Analysis	9320		1			707379	03/12/25 14:19	SWS	EET SL
	Instrument ID: GFPCRED									
Total/NA	Analysis	Ra226_Ra228		1			708154	03/17/25 12:55	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-AP1-FB-07

Lab Sample ID: 680-261849-3

Date Collected: 02/11/25 13:50

Matrix: Water

Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			999.57 mL	1.0 g	703466	02/18/25 10:00	MLT	EET SL
Total/NA	Analysis	9315		1			707649	03/14/25 09:25	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			999.57 mL	1.0 g	703468	02/18/25 10:04	MLT	EET SL
Total/NA	Analysis	9320		1			707379	03/12/25 14:19	SWS	EET SL
	Instrument ID: GFPCRED									
Total/NA	Analysis	Ra226_Ra228		1			708154	03/17/25 12:55	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-WGWA-1

Lab Sample ID: 680-261849-4

Date Collected: 02/10/25 16:50

Matrix: Water

Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			996.29 mL	1.0 g	703466	02/18/25 10:00	MLT	EET SL
Total/NA	Analysis	9315		1			707649	03/14/25 09:25	FLC	EET SL
	Instrument ID: GFPCPURPLE									

Lab Chronicle

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

Job ID: 680-261849-2

Client Sample ID: WAN-WGWA-1

Lab Sample ID: 680-261849-4

Date Collected: 02/10/25 16:50
Matrix: Water
Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep_0			996.29 mL	1.0 g	703468	02/18/25 10:04	MLT	EET SL
Total/NA	Analysis	9320		1			707379	03/12/25 14:19	SWS	EET SL
	Instrument ID: GFPCRED									
Total/NA	Analysis	Ra226_Ra228		1			708154	03/17/25 12:55	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-WGWA-2

Lab Sample ID: 680-261849-5

Date Collected: 02/10/25 16:25
Matrix: Water
Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			998.61 mL	1.0 g	703466	02/18/25 10:00	MLT	EET SL
Total/NA	Analysis	9315		1			707649	03/14/25 09:25	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			998.61 mL	1.0 g	703468	02/18/25 10:04	MLT	EET SL
Total/NA	Analysis	9320		1			707379	03/12/25 14:19	SWS	EET SL
	Instrument ID: GFPCRED									
Total/NA	Analysis	Ra226_Ra228		1			708154	03/17/25 12:55	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-WGWA-3

Lab Sample ID: 680-261849-6

Date Collected: 02/10/25 16:46
Matrix: Water
Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.91 mL	1.0 g	703466	02/18/25 10:00	MLT	EET SL
Total/NA	Analysis	9315		1			707649	03/14/25 09:25	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1000.91 mL	1.0 g	703468	02/18/25 10:04	MLT	EET SL
Total/NA	Analysis	9320		1			707379	03/12/25 14:20	SWS	EET SL
	Instrument ID: GFPCRED									
Total/NA	Analysis	Ra226_Ra228		1			708154	03/17/25 12:55	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-WGWA-4

Lab Sample ID: 680-261849-7

Date Collected: 02/11/25 10:05
Matrix: Water
Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.80 mL	1.0 g	703466	02/18/25 10:40	MLT	EET SL
Total/NA	Analysis	9315		1			707649	03/14/25 09:25	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1000.80 mL	1.0 g	703468	02/18/25 10:39	MLT	EET SL
Total/NA	Analysis	9320		1			707379	03/12/25 14:21	SWS	EET SL
	Instrument ID: GFPCRED									

Lab Chronicle

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

Job ID: 680-261849-2

Client Sample ID: WAN-WGWA-4

Lab Sample ID: 680-261849-7

Date Collected: 02/11/25 10:05
Matrix: Water
Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Ra226_Ra228		1			708154	03/17/25 12:55	SCB	EET SL

Client Sample ID: WAN-WGWA-6

Lab Sample ID: 680-261849-8

Date Collected: 02/11/25 11:35
Matrix: Water
Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1001.07 mL	1.0 g	703466	02/18/25 10:40	MLT	EET SL
Total/NA	Analysis	9315		1			707649	03/14/25 09:25	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1001.07 mL	1.0 g	703468	02/18/25 10:39	MLT	EET SL
Total/NA	Analysis	9320		1			707379	03/12/25 14:21	SWS	EET SL
	Instrument ID: GFPCRED									
Total/NA	Analysis	Ra226_Ra228		1			708154	03/17/25 12:55	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-WGWA-7

Lab Sample ID: 680-261849-9

Date Collected: 02/11/25 13:20
Matrix: Water
Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			994.26 mL	1.0 g	703466	02/18/25 10:40	MLT	EET SL
Total/NA	Analysis	9315		1			707648	03/14/25 09:34	FLC	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			994.26 mL	1.0 g	703468	02/18/25 10:39	MLT	EET SL
Total/NA	Analysis	9320		1			707379	03/12/25 14:21	SWS	EET SL
	Instrument ID: GFPCRED									
Total/NA	Analysis	Ra226_Ra228		1			708154	03/17/25 12:55	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-WGWA-18

Lab Sample ID: 680-261849-10

Date Collected: 02/11/25 11:15
Matrix: Water
Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1003.66 mL	1.0 g	703466	02/18/25 10:40	MLT	EET SL
Total/NA	Analysis	9315		1			707648	03/14/25 09:34	FLC	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1003.66 mL	1.0 g	703468	02/18/25 10:39	MLT	EET SL
Total/NA	Analysis	9320		1			707381	03/12/25 14:23	SWS	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			708154	03/17/25 12:55	SCB	EET SL
	Instrument ID: NOEQUIP									

Lab Chronicle

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

Job ID: 680-261849-2

Client Sample ID: WAN-WGWC-8

Lab Sample ID: 680-261849-11

Date Collected: 02/11/25 14:50

Matrix: Water

Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			999.88 mL	1.0 g	703466	02/18/25 10:40	MLT	EET SL
Total/NA	Analysis	9315		1			707648	03/14/25 09:34	FLC	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			999.88 mL	1.0 g	703468	02/18/25 10:39	MLT	EET SL
Total/NA	Analysis	9320		1			707381	03/12/25 14:23	SWS	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			708154	03/17/25 12:55	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-WGWC-9

Lab Sample ID: 680-261849-12

Date Collected: 02/11/25 16:06

Matrix: Water

Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1001.85 mL	1.0 g	703466	02/18/25 10:40	MLT	EET SL
Total/NA	Analysis	9315		1			707648	03/14/25 09:34	FLC	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1001.85 mL	1.0 g	703468	02/18/25 10:39	MLT	EET SL
Total/NA	Analysis	9320		1			707381	03/12/25 14:23	SWS	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			708154	03/17/25 12:55	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-WGWC-11

Lab Sample ID: 680-261849-13

Date Collected: 02/11/25 16:08

Matrix: Water

Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			993.59 mL	1.0 g	703466	02/18/25 10:40	MLT	EET SL
Total/NA	Analysis	9315		1			707648	03/14/25 09:34	FLC	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			993.59 mL	1.0 g	703468	02/18/25 10:39	MLT	EET SL
Total/NA	Analysis	9320		1			707381	03/12/25 14:23	SWS	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			708154	03/17/25 12:55	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-WGWC-12

Lab Sample ID: 680-261849-14

Date Collected: 02/11/25 14:50

Matrix: Water

Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1002.08 mL	1.0 g	703466	02/18/25 10:40	MLT	EET SL
Total/NA	Analysis	9315		1			707648	03/14/25 09:34	FLC	EET SL
	Instrument ID: GFPCBLUE									

Lab Chronicle

Client: Southern Company
Job ID: 680-261849-2
Project/Site: Plant Wansley - Ash Pond

Client Sample ID: WAN-WGWC-12
Lab Sample ID: 680-261849-14
Date Collected: 02/11/25 14:50
Matrix: Water
Date Received: 02/13/25 10:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep_0			1002.08 mL	1.0 g	703468	02/18/25 10:39	MLT	EET SL
Total/NA	Analysis	9320		1			707381	03/12/25 14:23	SWS	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			708154	03/17/25 12:55	SCB	EET SL
	Instrument ID: NOEQUIP									

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: 680-261849-2
Project/Site: Plant Wansley - Ash Pond

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-25

Method Summary

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

Job ID: 680-261849-2

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

Eurofins Test America, Savannah
5102 LaRoche Ave
Savannah, GA 31404
Phone (912) 354-7858 Fax (912) 352-0165

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: J. Berrsford, J. Mag, ACC D. Johnson	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: david.fuller@et.eurofinsus.com		Page: 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 #: 68027766			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004			
Project Name: Plant Wansley Ash Pond	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Task_Code: WAN-CCR-ASSMT-2025S1

Special Instructions/Note: Full APP III and APP IV

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=Comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=equality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	App III Metals: B, Ca	Cl, F, SO & TDS (EPA 300 & SM 2540C)	App IV Metals (EPA 6020/7470): Sb,As,Ba,Be,Cd,Cr,Co,Pb,Li,Hg,Mo,Se,Tl	Radium 226 & 228 (SW-846 9315/9320)	Major Ions - Carbonate, Bicarbonate, Total Alkalinity	Major Ions - Sulfide	Major Ions - Iron, Magnesium, Manganese, Potassium, Sodium								Total Number of containers
			Preservation Code:				D	I	D	D	I	B, C	D								
WAN- WGWC-17	02/11/25	1327	G	WG		N	✓	✓	✓	✓	✓	✓	✓								8
WAN- API-FD-01	02/11/25	—	G	WG		N	✓	✓	✓	✓	✓	✓	✓								8
WAN- API-FB-07	02/11/25	1350	G	WQ		N	✓	✓	✓	✓	✓	✓	✓								8
WAN-			G			N															
WAN-			G			N															
WAN-			G			N															
WAN-			G			N															
WAN-			G			N															
WAN-			G			N															
WAN-			G			N															

680-261849 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]	2/12/25 0857	ACC	[signature]	2-12-25 857	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
			[signature]	2/13/25 1028	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		0.1° 0.5° 2.3° 1.5° 3.2°

4.1/4.2 3.5/3.5 3.8/3.8 0.6/0.6 0.2/0.2 3.8/3.8

Ver: 01/16/2019

Eurofins Test America, Savannah
5102 LaRoche Ave
Savannah, GA 31404
Phone (912) 354-7858 Fax (912) 352-0165

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: d. Johnson, ACC J. Beris Ford, J. May	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No: 1 of 2 ~~3~~
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:	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:
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 68027766			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004			
Project Name: Plant Wansley Ash Pond	Project #:			
Site:	SSOW#:			Task_Code: WAN-CCR-ASSMT-2025S1; Special Instructions/Note: Full APP III and APP IV

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)	App III Metals: B, Ca	Cl, F, SO & TDS (EPA 300 & SM 2540C)	App IV Metals (EPA 6020/7470): Sb,As,Ba,Be,Cd,Cr,Co,Pb,Li,Hg,Mo,Se,Tl	Radium 226 & 228 (SW-846 9315/9320)	Major Ions - Carbonate, Bicarbonate, Total Alkalinity	Major Ions - Sulfide	Major Ions - Iron, Magnesium, Manganese, Potassium, Sodium	Total Number of containers
			Preservation Code:				D	I	D	D	I	B, C	D	
WAN- WGWA-1	02/10/25	1650	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- WGWA-2	02/10/25	1625	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- WGWA-3	02/10/25	1646	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- WGWA-4	02/11/25	1005	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- WGWA-6	02/11/25	1135	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- WGWA-7	02/11/25	1320	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- WGWA-18	02/11/25	1115	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- WGWC-8	02/11/25	1450	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- WGWC-9	02/11/25	1606	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- WGWC-11	02/11/25	1608	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- WGWC-12	02/11/25	1450	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8

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
1	[signature]	2/12/25 0857	ACC	Anna Neal	2-12-25 857	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/13/25 1028	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 4.4/4.8 3.5/3.5 3.8/3.8 0.6/0.6 0.2/0.2 3.8/3.8

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

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: 680-794289.1
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 #: 680-261849-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/14/2025			
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 #: 68027766			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:
-

Other: N/A

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)	9320_Ra228/PrecSep_0 Radium 228	9315_Ra226/PrecSep_21 Radium 226	Ra226Ra228_GFPC/ Combined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
WAN-WGWC-17 (680-261849-1)	2/11/25	13:27 Eastern	G	Water			X	X	X	2	
WAN-AP1-FD-01 (680-261849-2)	2/11/25	Eastern	G	Water			X	X	X	2	
WAN-AP1-FB-07 (680-261849-3)	2/11/25	13:50 Eastern	G	Water			X	X	X	2	
WAN-WGWA-1 (680-261849-4)	2/10/25	16:50 Eastern	G	Water			X	X	X	2	
WAN-WGWA-2 (680-261849-5)	2/10/25	16:25 Eastern	G	Water			X	X	X	2	
WAN-WGWA-3 (680-261849-6)	2/10/25	16:46 Eastern	G	Water			X	X	X	2	
WAN-WGWA-4 (680-261849-7)	2/11/25	10:05 Eastern	G	Water			X	X	X	2	
WAN-WGWA-6 (680-261849-8)	2/11/25	11:35 Eastern	G	Water			X	X	X	2	
WAN-WGWA-7 (680-261849-9)	2/11/25	13:20 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
1	C. Munro	2/13/25 1550	Eurofins	M. Pinette	FEB 14 2025 0900	
2	Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 10/10/2024

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

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: 680-794289.2
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 #: 680-261849-2
Address: 13715 Rider Trail North,	Due Date Requested: 3/14/2025			
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 #: 68027766			
Site: N/A	SSOW#: N/A			

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)	9320_Ra228/PrecSep_0 Radium 228	9315_Ra226/PrecSep_21 Radium 226	Ra226Ra228_GFPC/ Combined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
WAN-WGWA-18 (680-261849-10)	2/11/25	11:15 Eastern	G	Water			X	X	X	2	
WAN-WGWC-8 (680-261849-11)	2/11/25	14:50 Eastern	G	Water			X	X	X	2	
WAN-WGWC-9 (680-261849-12)	2/11/25	16:06 Eastern	G	Water			X	X	X	2	
WAN-WGWC-11 (680-261849-13)	2/11/25	16:08 Eastern	G	Water			X	X	X	2	
WAN-WGWC-12 (680-261849-14)	2/11/25	14:50 Eastern	G	Water			X	X	X	2	

Preservation Codes: -
Other: N/A

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
1	C. Mann	2/13/25 1550	Eurofins	M. Pinette	FEB 14 2025 0900	
2				Meadow Pinette		
3						

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: 680-261849-2

Login Number: 261849

List Source: Eurofins Savannah

List Number: 1

Creator: Johnson, Corey M

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

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

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-261849-2

Login Number: 261849
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 02/14/25 11:06 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.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/3/2025 8:48:46 AM

JOB DESCRIPTION

Plant Wansley - Ash Pond

JOB NUMBER

680-261943-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

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

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

Authorization



Generated
3/3/2025 8:48:46 AM

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

Definitions/Glossary

Client: Southern Company
Job ID: 680-261943-1
Project/Site: Plant Wansley - Ash Pond

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD 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.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Sample Summary

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

Job ID: 680-261943-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-261943-1	WAN-WGWC-13	Water	02/12/25 10:41	02/15/25 10:20
680-261943-2	WAN-WGWC-14A	Water	02/12/25 12:55	02/15/25 10:20
680-261943-3	WAN-WGWC-16	Water	02/12/25 14:00	02/15/25 10:20
680-261943-4	WAN-WGWC-20	Water	02/12/25 13:59	02/15/25 10:20
680-261943-5	WAN-WGWC-22	Water	02/12/25 13:52	02/15/25 10:20
680-261943-6	WAN-WGWC-25	Water	02/12/25 12:32	02/15/25 10:20
680-261943-7	WAN-WGWC-27	Water	02/12/25 11:32	02/15/25 10:20
680-261943-8	WAN-WGWC-28D	Water	02/12/25 10:22	02/15/25 10:20
680-261943-9	WAN-WAMW-1	Water	02/12/25 13:51	02/15/25 10:20
680-261943-10	WAN-WAMW-2	Water	02/12/25 11:24	02/15/25 10:20
680-261943-11	WAN-AP1-FD-02	Water	02/12/25 00:00	02/15/25 10:20
680-261943-12	WAN-AP1-FB-08	Water	02/12/25 14:20	02/15/25 10:20
680-261943-13	WAN-AP1-EB-01	Water	02/12/25 10:15	02/15/25 10:20
680-261943-14	WAN-WGWC-10	Water	02/13/25 10:25	02/15/25 10:20
680-261943-15	WAN-WGWC-15	Water	02/13/25 11:40	02/15/25 10:20
680-261943-16	WAN-WGWC-19	Water	02/13/25 09:45	02/15/25 10:20
680-261943-17	WAN-WGWC-21	Water	02/13/25 12:08	02/15/25 10:20
680-261943-18	WAN-WGWC-23	Water	02/13/25 16:35	02/15/25 10:20
680-261943-19	WAN-WGWC-24	Water	02/13/25 12:11	02/15/25 10:20
680-261943-20	WAN-PZ-26D	Water	02/13/25 13:20	02/15/25 10:20
680-261943-21	WAN-PZ-31	Water	02/13/25 13:15	02/15/25 10:20
680-261943-22	WAN-AP1-FD-03	Water	02/13/25 00:00	02/15/25 10:20
680-261943-23	WAN-AP1-FB-09	Water	02/13/25 13:40	02/15/25 10:20
680-261943-24	WAN-AP1-EB-02	Water	02/13/25 11:05	02/15/25 10:20
680-261943-25	WAN-AP1-EB-03	Water	02/13/25 13:00	02/15/25 10:20

Job Narrative
680-261943-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 2/15/2025 10:20 AM. 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 0.6°C, 1.9°C, 2.7°C, 3.3°C, 3.6°C and 4.1°C.

HPLC/IC
Method 300_ORGFM_28D: Spike compounds were inadvertently omitted during the extraction process for the matrix spike/matrix spike duplicate (MS/MSD); therefore, matrix spike recoveries are unavailable for analytical batch 680-876645. The associated laboratory control sample (LCS) met acceptance criteria.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 680-876688 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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-20 (680-261943-4), WAN-WGWC-28D (680-261943-8) and WAN-WGWC-21 (680-261943-17).

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 continuing calibration verification (CCV) associated with batch 680-876267 recovered above the upper control limit for thallium. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

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

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

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

Job ID: 680-261943-1

Client Sample ID: WAN-WGWC-13

Lab Sample ID: 680-261943-1

Date Collected: 02/12/25 10:41

Matrix: Water

Date Received: 02/15/25 10:20

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.3**		1.0	0.20	mg/L			02/21/25 14:48	1
Fluoride	<0.040		0.10	0.040	mg/L			02/21/25 14:48	1
Sulfate	**2.6**		1.0	0.40	mg/L			02/21/25 14:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:11	02/19/25 09:33	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/19/25 09:33	1
Barium	**0.040**		0.010	0.00089	mg/L		02/17/25 06:11	02/19/25 09:33	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/19/25 09:33	1
Boron	<0.022		0.080	0.022	mg/L		02/17/25 06:11	02/19/25 09:33	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/19/25 09:33	1
Calcium	**3.8**		0.50	0.14	mg/L		02/17/25 06:11	02/19/25 09:33	1
Chromium	**0.0017**	**J**	0.0020	0.0012	mg/L		02/17/25 06:11	02/19/25 09:33	1
Cobalt	**0.00029**	**J**	0.0025	0.00022	mg/L		02/17/25 06:11	02/19/25 09:33	1
Iron	**0.064**		0.050	0.012	mg/L		02/17/25 06:11	02/19/25 09:33	1
Lead	**0.00022**	**J**	0.0010	0.00021	mg/L		02/17/25 06:11	02/19/25 09:33	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/17/25 06:11	02/18/25 18:10	1
Magnesium	**0.57**		0.50	0.023	mg/L		02/17/25 06:11	02/19/25 09:33	1
Manganese	**0.0025**	**J**	0.0050	0.0022	mg/L		02/17/25 06:11	02/19/25 09:33	1
Molybdenum	**0.0013**	**J**	0.015	0.00086	mg/L		02/17/25 06:11	02/19/25 09:33	1
Potassium	**1.8**		0.50	0.044	mg/L		02/17/25 06:11	02/19/25 09:33	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/19/25 09:33	1
Sodium	**9.4**		0.50	0.20	mg/L		02/17/25 06:11	02/19/25 09:33	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/19/25 09:33	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/20/25 12:56	02/20/25 17:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**32**		5.0	5.0	mg/L			02/18/25 14:12	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**32**		5.0	5.0	mg/L			02/18/25 14:12	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/18/25 14:12	1
Total Dissolved Solids (SM 2540C-2011)	**84**		10	10	mg/L			02/18/25 07:09	1
Sulfide (SM 4500 S2 F-2011)	<0.81		0.81	0.81	mg/L			02/17/25 11:37	1

Client Sample ID: WAN-WGWC-14A

Lab Sample ID: 680-261943-2

Date Collected: 02/12/25 12:55

Matrix: Water

Date Received: 02/15/25 10:20

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.4**		1.0	0.20	mg/L			02/21/25 14:57	1
Fluoride	<0.040		0.10	0.040	mg/L			02/21/25 14:57	1
Sulfate	**0.45**	**J**	1.0	0.40	mg/L			02/21/25 14:57	1

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

Job ID: 680-261943-1

Client Sample ID: WAN-WGWC-14A

Lab Sample ID: 680-261943-2

Date Collected: 02/12/25 12:55
Matrix: Water
Date Received: 02/15/25 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:11	02/19/25 10:06	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/19/25 10:06	1
Barium	**0.027**		0.010	0.00089	mg/L		02/17/25 06:11	02/19/25 10:06	1
Beryllium	**0.00027**	**J**	0.0025	0.00020	mg/L		02/17/25 06:11	02/19/25 10:06	1
Boron	**0.027**	**J**	0.080	0.022	mg/L		02/17/25 06:11	02/18/25 18:22	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/19/25 10:06	1
Calcium	**0.77**		0.50	0.14	mg/L		02/17/25 06:11	02/19/25 10:06	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/19/25 10:06	1
Cobalt	**0.0015**	**J**	0.0025	0.00022	mg/L		02/17/25 06:11	02/19/25 10:06	1
Iron	**0.014**	**J**	0.050	0.012	mg/L		02/17/25 06:11	02/19/25 10:06	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/19/25 10:06	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/17/25 06:11	02/18/25 18:22	1
Magnesium	**0.71**		0.50	0.023	mg/L		02/17/25 06:11	02/19/25 10:06	1
Manganese	**0.038**		0.0050	0.0022	mg/L		02/17/25 06:11	02/19/25 10:06	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/17/25 06:11	02/19/25 10:06	1
Potassium	**1.7**		0.50	0.044	mg/L		02/17/25 06:11	02/19/25 10:06	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/19/25 10:06	1
Sodium	**3.6**		0.50	0.20	mg/L		02/17/25 06:11	02/19/25 10:06	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/19/25 10:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/20/25 12:56	02/20/25 17:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**11**		5.0	5.0	mg/L			02/18/25 14:26	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**11**		5.0	5.0	mg/L			02/18/25 14:26	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/18/25 14:26	1
Total Dissolved Solids (SM 2540C-2011)	**28**		10	10	mg/L			02/18/25 07:09	1
Sulfide (SM 4500 S2 F-2011)	<0.83		0.83	0.83	mg/L			02/17/25 11:37	1

Client Sample ID: WAN-WGWC-16

Lab Sample ID: 680-261943-3

Date Collected: 02/12/25 14:00
Matrix: Water
Date Received: 02/15/25 10:20

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**28**		5.0	1.0	mg/L			02/21/25 15:05	5
Fluoride	<0.20		0.50	0.20	mg/L			02/21/25 15:05	5
Sulfate	**40**		5.0	2.0	mg/L			02/21/25 15:05	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:11	02/19/25 10:09	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/19/25 10:09	1
Barium	**0.040**		0.010	0.00089	mg/L		02/17/25 06:11	02/19/25 10:09	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/19/25 10:09	1

Client Sample ID: WAN-WGWC-16

Lab Sample ID: 680-261943-3

Date Collected: 02/12/25 14:00

Matrix: Water

Date Received: 02/15/25 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.56**		0.080	0.022	mg/L		02/17/25 06:11	02/18/25 18:26	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/19/25 10:09	1
Calcium	**15**		0.50	0.14	mg/L		02/17/25 06:11	02/19/25 10:09	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/19/25 10:09	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/17/25 06:11	02/19/25 10:09	1
Iron	**0.046**	**J**	0.050	0.012	mg/L		02/17/25 06:11	02/19/25 10:09	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/19/25 10:09	1
Lithium	**0.0024**	**J**	0.0050	0.0020	mg/L		02/17/25 06:11	02/18/25 18:26	1
Magnesium	**5.4**		0.50	0.023	mg/L		02/17/25 06:11	02/19/25 10:09	1
Manganese	**0.011**		0.0050	0.0022	mg/L		02/17/25 06:11	02/19/25 10:09	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/17/25 06:11	02/19/25 10:09	1
Potassium	**2.1**		0.50	0.044	mg/L		02/17/25 06:11	02/19/25 10:09	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/19/25 10:09	1
Sodium	**8.4**		0.50	0.20	mg/L		02/17/25 06:11	02/19/25 10:09	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/19/25 10:09	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/21/25 12:45	02/23/25 14:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**11**		5.0	5.0	mg/L			02/18/25 15:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**11**		5.0	5.0	mg/L			02/18/25 15:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/18/25 15:10	1
Total Dissolved Solids (SM 2540C-2011)	**120**		10	10	mg/L			02/19/25 11:12	1
Sulfide (SM 4500 S2 F-2011)	<0.83		0.83	0.83	mg/L			02/17/25 11:37	1

Client Sample ID: WAN-WGWC-20

Lab Sample ID: 680-261943-4

Date Collected: 02/12/25 13:59

Matrix: Water

Date Received: 02/15/25 10:20

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**380**		25	5.0	mg/L			02/21/25 15:13	25
Fluoride	<1.0		2.5	1.0	mg/L			02/21/25 15:13	25
Sulfate	**470**		25	10	mg/L			02/21/25 15:13	25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:11	02/19/25 10:11	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/19/25 10:11	1
Barium	<0.00089		0.010	0.00089	mg/L		02/17/25 06:11	02/19/25 10:11	1
Beryllium	**0.011**		0.0025	0.00020	mg/L		02/17/25 06:11	02/19/25 10:11	1
Boron	**7.4**		0.80	0.22	mg/L		02/17/25 06:11	02/19/25 09:41	10
Cadmium	**0.00045**	**J**	0.0025	0.000078	mg/L		02/17/25 06:11	02/19/25 10:11	1
Calcium	**230**		0.50	0.14	mg/L		02/17/25 06:11	02/19/25 10:11	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/19/25 10:11	1

Client Sample ID: WAN-WGWC-20

Lab Sample ID: 680-261943-4

Date Collected: 02/12/25 13:59

Matrix: Water

Date Received: 02/15/25 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/17/25 06:11	02/19/25 10:11	1
Iron	<0.012		0.050	0.012	mg/L		02/17/25 06:11	02/19/25 10:11	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/19/25 10:11	1
Lithium	**0.14**		0.0050	0.0020	mg/L		02/17/25 06:11	02/18/25 18:30	1
Magnesium	**50**		0.50	0.023	mg/L		02/17/25 06:11	02/19/25 10:11	1
Manganese	**0.46**		0.0050	0.0022	mg/L		02/17/25 06:11	02/19/25 10:11	1
Molybdenum	**0.00087**	**J**	0.015	0.00086	mg/L		02/17/25 06:11	02/19/25 10:11	1
Potassium	**6.3**		0.50	0.044	mg/L		02/17/25 06:11	02/19/25 10:11	1
Selenium	**0.0026**	**J**	0.0050	0.00099	mg/L		02/17/25 06:11	02/19/25 10:11	1
Sodium	**45**		0.50	0.20	mg/L		02/17/25 06:11	02/19/25 10:11	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/19/25 10:11	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/21/25 12:45	02/23/25 14:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**8.9**		5.0	5.0	mg/L			02/18/25 15:26	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**8.9**		5.0	5.0	mg/L			02/18/25 15:26	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/18/25 15:26	1
Total Dissolved Solids (SM 2540C-2011)	**1300**		40	40	mg/L			02/19/25 11:12	1
Sulfide (SM 4500 S2 F-2011)	<0.81		0.81	0.81	mg/L			02/17/25 11:37	1

Client Sample ID: WAN-WGWC-22

Lab Sample ID: 680-261943-5

Date Collected: 02/12/25 13:52

Matrix: Water

Date Received: 02/15/25 10:20

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.1**		2.0	0.40	mg/L			02/21/25 15:21	2
Fluoride	<0.080		0.20	0.080	mg/L			02/21/25 15:21	2
Sulfate	**66**		2.0	0.80	mg/L			02/21/25 15:21	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:11	02/19/25 09:35	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/19/25 09:35	1
Barium	**0.022**		0.010	0.00089	mg/L		02/17/25 06:11	02/19/25 09:35	1
Beryllium	**0.00061**	**J**	0.0025	0.00020	mg/L		02/17/25 06:11	02/19/25 09:35	1
Boron	**0.32**		0.080	0.022	mg/L		02/17/25 06:11	02/19/25 09:35	1
Cadmium	**0.00011**	**J**	0.0025	0.000078	mg/L		02/17/25 06:11	02/19/25 09:35	1
Calcium	**13**		0.50	0.14	mg/L		02/17/25 06:11	02/19/25 09:35	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/19/25 09:35	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/17/25 06:11	02/19/25 09:35	1
Iron	**0.036**	**J**	0.050	0.012	mg/L		02/17/25 06:11	02/19/25 09:35	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/19/25 09:35	1
Lithium	**0.0069**		0.0050	0.0020	mg/L		02/17/25 06:11	02/18/25 18:34	1

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

Job ID: 680-261943-1

Client Sample ID: WAN-WGWC-22

Lab Sample ID: 680-261943-5

Date Collected: 02/12/25 13:52

Matrix: Water

Date Received: 02/15/25 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	**3.4**		0.50	0.023	mg/L		02/17/25 06:11	02/19/25 09:35	1
Manganese	**0.0078**		0.0050	0.0022	mg/L		02/17/25 06:11	02/19/25 09:35	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/17/25 06:11	02/19/25 09:35	1
Potassium	**5.2**		0.50	0.044	mg/L		02/17/25 06:11	02/19/25 09:35	1
Selenium	**0.0030**	**J**	0.0050	0.00099	mg/L		02/17/25 06:11	02/19/25 09:35	1
Sodium	**19**		0.50	0.20	mg/L		02/17/25 06:11	02/19/25 09:35	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/19/25 09:35	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/21/25 12:45	02/23/25 15:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**21**		5.0	5.0	mg/L			02/18/25 15:34	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**21**		5.0	5.0	mg/L			02/18/25 15:34	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/18/25 15:34	1
Total Dissolved Solids (SM 2540C-2011)	**150**		10	10	mg/L			02/19/25 11:12	1
Sulfide (SM 4500 S2 F-2011)	<0.83		0.83	0.83	mg/L			02/17/25 11:37	1

Client Sample ID: WAN-WGWC-25

Lab Sample ID: 680-261943-6

Date Collected: 02/12/25 12:32

Matrix: Water

Date Received: 02/15/25 10:20

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24**		5.0	1.0	mg/L			02/21/25 15:29	5
Fluoride	<0.20		0.50	0.20	mg/L			02/21/25 15:29	5
Sulfate	**17**		5.0	2.0	mg/L			02/21/25 15:29	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:11	02/17/25 14:24	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/17/25 14:24	1
Barium	**0.19**		0.010	0.00089	mg/L		02/17/25 06:11	02/17/25 14:24	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/17/25 14:24	1
Boron	**0.36**		0.080	0.022	mg/L		02/17/25 06:11	02/17/25 14:24	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/17/25 14:24	1
Calcium	**31**		0.50	0.14	mg/L		02/17/25 06:11	02/17/25 14:24	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/17/25 14:24	1
Cobalt	**0.0085**		0.0025	0.00022	mg/L		02/17/25 06:11	02/17/25 14:24	1
Iron	**3.6**		0.050	0.012	mg/L		02/17/25 06:11	02/17/25 14:24	1
Lead	**0.00065**	**J**	0.0010	0.00021	mg/L		02/17/25 06:11	02/17/25 14:24	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/17/25 06:11	02/18/25 16:45	1
Magnesium	**8.7**		0.50	0.023	mg/L		02/17/25 06:11	02/17/25 14:24	1
Manganese	**1.3**		0.0050	0.0022	mg/L		02/17/25 06:11	02/17/25 14:24	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/17/25 06:11	02/17/25 14:24	1
Potassium	**5.1**		0.50	0.044	mg/L		02/17/25 06:11	02/17/25 14:24	1

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

Job ID: 680-261943-1

Client Sample ID: WAN-WGWC-25

Lab Sample ID: 680-261943-6

Date Collected: 02/12/25 12:32
Matrix: Water
Date Received: 02/15/25 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/17/25 14:24	1
Sodium	**6.9**		0.50	0.20	mg/L		02/17/25 06:11	02/17/25 14:24	1
Thallium	<0.00026	^+	0.0010	0.00026	mg/L		02/17/25 06:11	02/18/25 16:45	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/21/25 12:45	02/23/25 15:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**90**		5.0	5.0	mg/L			02/18/25 15:19	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**90**		5.0	5.0	mg/L			02/18/25 15:19	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/18/25 15:19	1
Total Dissolved Solids (SM 2540C-2011)	**170**		10	10	mg/L			02/19/25 11:12	1
Sulfide (SM 4500 S2 F-2011)	<0.83		0.83	0.83	mg/L			02/17/25 11:37	1

Client Sample ID: WAN-WGWC-27

Lab Sample ID: 680-261943-7

Date Collected: 02/12/25 11:32
Matrix: Water
Date Received: 02/15/25 10:20

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**26**		2.0	0.40	mg/L			02/21/25 15:38	2
Fluoride	<0.080		0.20	0.080	mg/L			02/21/25 15:38	2
Sulfate	**27**		2.0	0.80	mg/L			02/21/25 15:38	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:11	02/19/25 10:01	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/19/25 10:01	1
Barium	**0.0034**	**J**	0.010	0.00089	mg/L		02/17/25 06:11	02/19/25 10:01	1
Beryllium	**0.0011**	**J**	0.0025	0.00020	mg/L		02/17/25 06:11	02/19/25 10:01	1
Boron	**0.19**		0.080	0.022	mg/L		02/17/25 06:11	02/18/25 18:02	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/19/25 10:01	1
Calcium	**16**		0.50	0.14	mg/L		02/17/25 06:11	02/19/25 10:01	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/19/25 10:01	1
Cobalt	**0.0020**	**J**	0.0025	0.00022	mg/L		02/17/25 06:11	02/19/25 10:01	1
Iron	**0.50**		0.050	0.012	mg/L		02/17/25 06:11	02/19/25 10:01	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/19/25 10:01	1
Lithium	**0.026**		0.0050	0.0020	mg/L		02/17/25 06:11	02/18/25 18:02	1
Magnesium	**2.7**		0.50	0.023	mg/L		02/17/25 06:11	02/19/25 10:01	1
Manganese	**0.26**		0.0050	0.0022	mg/L		02/17/25 06:11	02/19/25 10:01	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/17/25 06:11	02/19/25 10:01	1
Potassium	**1.8**		0.50	0.044	mg/L		02/17/25 06:11	02/19/25 10:01	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/19/25 10:01	1
Sodium	**13**		0.50	0.20	mg/L		02/17/25 06:11	02/19/25 10:01	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/19/25 10:01	1

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

Job ID: 680-261943-1

Client Sample ID: WAN-WGWC-27

Lab Sample ID: 680-261943-7

Date Collected: 02/12/25 11:32
Matrix: Water
Date Received: 02/15/25 10:20

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/21/25 12:45	02/23/25 15:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**27**		5.0	5.0	mg/L			02/18/25 16:11	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**27**		5.0	5.0	mg/L			02/18/25 16:11	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/18/25 16:11	1
Total Dissolved Solids (SM 2540C-2011)	**160**		10	10	mg/L			02/19/25 11:12	1
Sulfide (SM 4500 S2 F-2011)	<0.83		0.83	0.83	mg/L			02/17/25 11:37	1

Client Sample ID: WAN-WGWC-28D

Lab Sample ID: 680-261943-8

Date Collected: 02/12/25 10:22
Matrix: Water
Date Received: 02/15/25 10:20

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**470**		100	20	mg/L			02/22/25 13:13	100
Fluoride	<4.0		10	4.0	mg/L			02/22/25 13:13	100
Sulfate	**300**		100	40	mg/L			02/22/25 13:13	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:11	02/19/25 10:04	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/19/25 10:04	1
Barium	**0.011**		0.010	0.00089	mg/L		02/17/25 06:11	02/19/25 10:04	1
Beryllium	**0.0020**	**J**	0.0025	0.00020	mg/L		02/17/25 06:11	02/19/25 10:04	1
Boron	**9.9**		0.80	0.22	mg/L		02/17/25 06:11	02/19/25 09:38	10
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/19/25 10:04	1
Calcium	**340**		0.50	0.14	mg/L		02/17/25 06:11	02/19/25 10:04	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/19/25 10:04	1
Cobalt	**0.00024**	**J**	0.0025	0.00022	mg/L		02/17/25 06:11	02/19/25 10:04	1
Iron	**0.48**		0.050	0.012	mg/L		02/17/25 06:11	02/19/25 10:04	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/19/25 10:04	1
Lithium	**0.19**		0.0050	0.0020	mg/L		02/17/25 06:11	02/18/25 18:06	1
Magnesium	**62**		0.50	0.023	mg/L		02/17/25 06:11	02/19/25 10:04	1
Manganese	**1.0**		0.0050	0.0022	mg/L		02/17/25 06:11	02/19/25 10:04	1
Molybdenum	**0.0088**	**J**	0.015	0.00086	mg/L		02/17/25 06:11	02/19/25 10:04	1
Potassium	**42**		0.50	0.044	mg/L		02/17/25 06:11	02/19/25 10:04	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/19/25 10:04	1
Sodium	**120**		0.50	0.20	mg/L		02/17/25 06:11	02/19/25 10:04	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/19/25 10:04	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/21/25 12:45	02/23/25 15:12	1

Client Sample ID: WAN-WGWC-28D

Lab Sample ID: 680-261943-8

Date Collected: 02/12/25 10:22

Matrix: Water

Date Received: 02/15/25 10:20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**43**		5.0	5.0	mg/L			02/18/25 15:43	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**43**		5.0	5.0	mg/L			02/18/25 15:43	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/18/25 15:43	1
Total Dissolved Solids (SM 2540C-2011)	**2000**		80	80	mg/L			02/19/25 11:12	1
Sulfide (SM 4500 S2 F-2011)	**1.5**		1.0	1.0	mg/L			02/17/25 11:43	1

Client Sample ID: WAN-WAMW-1

Lab Sample ID: 680-261943-9

Date Collected: 02/12/25 13:51

Matrix: Water

Date Received: 02/15/25 10:20

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**32**		5.0	1.0	mg/L			02/22/25 13:23	5
Fluoride	<0.20		0.50	0.20	mg/L			02/22/25 13:23	5
Sulfate	**37**		5.0	2.0	mg/L			02/22/25 13:23	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:11	02/19/25 09:56	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/19/25 09:56	1
Barium	**0.041**		0.010	0.00089	mg/L		02/17/25 06:11	02/19/25 09:56	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/19/25 09:56	1
Boron	**0.58**		0.080	0.022	mg/L		02/17/25 06:11	02/18/25 17:54	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/19/25 09:56	1
Calcium	**16**		0.50	0.14	mg/L		02/17/25 06:11	02/19/25 09:56	1
Chromium	**0.0012**	**J**	0.0020	0.0012	mg/L		02/17/25 06:11	02/19/25 09:56	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/17/25 06:11	02/19/25 09:56	1
Iron	**0.023**	**J**	0.050	0.012	mg/L		02/17/25 06:11	02/19/25 09:56	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/19/25 09:56	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/17/25 06:11	02/18/25 17:54	1
Magnesium	**5.4**		0.50	0.023	mg/L		02/17/25 06:11	02/19/25 09:56	1
Manganese	**0.010**		0.0050	0.0022	mg/L		02/17/25 06:11	02/19/25 09:56	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/17/25 06:11	02/19/25 09:56	1
Potassium	**2.2**		0.50	0.044	mg/L		02/17/25 06:11	02/19/25 09:56	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/19/25 09:56	1
Sodium	**8.9**		0.50	0.20	mg/L		02/17/25 06:11	02/19/25 09:56	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/19/25 09:56	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/21/25 12:45	02/23/25 15:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**12**		5.0	5.0	mg/L			02/18/25 14:55	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**12**		5.0	5.0	mg/L			02/18/25 14:55	1

Client Sample ID: WAN-WAMW-1

Lab Sample ID: 680-261943-9

Date Collected: 02/12/25 13:51

Matrix: Water

Date Received: 02/15/25 10:20

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/18/25 14:55	1
Total Dissolved Solids (SM 2540C-2011)	**130**		10	10	mg/L			02/19/25 11:12	1
Sulfide (SM 4500 S2 F-2011)	<0.81		0.81	0.81	mg/L			02/17/25 11:43	1

Client Sample ID: WAN-WAMW-2

Lab Sample ID: 680-261943-10

Date Collected: 02/12/25 11:24

Matrix: Water

Date Received: 02/15/25 10:20

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.9**	**F1**	1.0	0.20	mg/L			02/21/25 14:46	1
Fluoride	**0.13**	**F1**	0.10	0.040	mg/L			02/21/25 14:46	1
Sulfate	**4.1**	**F1**	1.0	0.40	mg/L			02/21/25 14:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:11	02/19/25 09:58	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/19/25 09:58	1
Barium	**0.0093**	**J**	0.010	0.00089	mg/L		02/17/25 06:11	02/19/25 09:58	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/19/25 09:58	1
Boron	<0.022		0.080	0.022	mg/L		02/17/25 06:11	02/18/25 17:58	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/19/25 09:58	1
Calcium	**25**		0.50	0.14	mg/L		02/17/25 06:11	02/19/25 09:58	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/19/25 09:58	1
Cobalt	**0.0010**	**J**	0.0025	0.00022	mg/L		02/17/25 06:11	02/19/25 09:58	1
Iron	**0.044**	**J**	0.050	0.012	mg/L		02/17/25 06:11	02/19/25 09:58	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/19/25 09:58	1
Lithium	**0.035**		0.0050	0.0020	mg/L		02/17/25 06:11	02/18/25 17:58	1
Magnesium	**8.3**		0.50	0.023	mg/L		02/17/25 06:11	02/19/25 09:58	1
Manganese	**0.12**		0.0050	0.0022	mg/L		02/17/25 06:11	02/19/25 09:58	1
Molybdenum	**0.0023**	**J**	0.015	0.00086	mg/L		02/17/25 06:11	02/19/25 09:58	1
Potassium	**1.5**		0.50	0.044	mg/L		02/17/25 06:11	02/19/25 09:58	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/19/25 09:58	1
Sodium	**8.8**		0.50	0.20	mg/L		02/17/25 06:11	02/19/25 09:58	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/19/25 09:58	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/24/25 13:18	02/25/25 12:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**110**		5.0	5.0	mg/L			02/18/25 16:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**110**		5.0	5.0	mg/L			02/18/25 16:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/18/25 16:02	1
Total Dissolved Solids (SM 2540C-2011)	**140**		10	10	mg/L			02/19/25 11:12	1

Client Sample ID: WAN-WAMW-2

Lab Sample ID: 680-261943-10

Date Collected: 02/12/25 11:24

Matrix: Water

Date Received: 02/15/25 10:20

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SM 4500 S2 F-2011)	<0.83		0.83	0.83	mg/L			02/17/25 11:43	1

Client Sample ID: WAN-AP1-FD-02

Lab Sample ID: 680-261943-11

Date Collected: 02/12/25 00:00

Matrix: Water

Date Received: 02/15/25 10:20

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.3**	**F1**	1.0	0.20	mg/L			02/22/25 12:44	1
Fluoride	**0.063**	**J F1 F2**	0.10	0.040	mg/L			02/22/25 12:44	1
Sulfate	**5.4**	**F1**	1.0	0.40	mg/L			02/22/25 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:11	02/17/25 14:17	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/17/25 14:17	1
Barium	**0.0045**	**J**	0.010	0.00089	mg/L		02/17/25 06:11	02/17/25 14:17	1
Beryllium	**0.00026**	**J**	0.0025	0.00020	mg/L		02/17/25 06:11	02/17/25 14:17	1
Boron	<0.022		0.080	0.022	mg/L		02/17/25 06:11	02/17/25 14:17	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/17/25 14:17	1
Calcium	**19**		0.50	0.14	mg/L		02/17/25 06:11	02/17/25 14:17	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/17/25 14:17	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/17/25 06:11	02/17/25 14:17	1
Iron	**1.9**		0.050	0.012	mg/L		02/17/25 06:11	02/17/25 14:17	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/17/25 14:17	1
Lithium	**0.024**		0.0050	0.0020	mg/L		02/17/25 06:11	02/18/25 16:24	1
Magnesium	**5.1**		0.50	0.023	mg/L		02/17/25 06:11	02/17/25 14:17	1
Manganese	**0.031**		0.0050	0.0022	mg/L		02/17/25 06:11	02/17/25 14:17	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/17/25 06:11	02/17/25 14:17	1
Potassium	**2.0**		0.50	0.044	mg/L		02/17/25 06:11	02/17/25 14:17	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/17/25 14:17	1
Sodium	**6.4**		0.50	0.20	mg/L		02/17/25 06:11	02/17/25 14:17	1
Thallium	<0.00026	^+	0.0010	0.00026	mg/L		02/17/25 06:11	02/18/25 16:24	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/24/25 13:18	02/25/25 12:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**77**		5.0	5.0	mg/L			02/18/25 15:52	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**77**		5.0	5.0	mg/L			02/18/25 15:52	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/18/25 15:52	1
Total Dissolved Solids (SM 2540C-2011)	**120**		10	10	mg/L			02/19/25 11:12	1
Sulfide (SM 4500 S2 F-2011)	<0.83		0.83	0.83	mg/L			02/17/25 11:43	1

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

Job ID: 680-261943-1

Client Sample ID: WAN-AP1-FB-08

Lab Sample ID: 680-261943-12

Date Collected: 02/12/25 14:20
Matrix: Water
Date Received: 02/15/25 10:20

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			02/21/25 15:25	1
Fluoride	<0.040		0.10	0.040	mg/L			02/21/25 15:25	1
Sulfate	<0.40		1.0	0.40	mg/L			02/21/25 15:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:11	02/17/25 14:19	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/17/25 14:19	1
Barium	<0.00089		0.010	0.00089	mg/L		02/17/25 06:11	02/17/25 14:19	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/17/25 14:19	1
Boron	<0.022		0.080	0.022	mg/L		02/17/25 06:11	02/17/25 14:19	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/17/25 14:19	1
Calcium	<0.14		0.50	0.14	mg/L		02/17/25 06:11	02/17/25 14:19	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/17/25 14:19	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/17/25 06:11	02/17/25 14:19	1
Iron	<0.012		0.050	0.012	mg/L		02/17/25 06:11	02/17/25 14:19	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/17/25 14:19	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/17/25 06:11	02/18/25 16:36	1
Magnesium	<0.023		0.50	0.023	mg/L		02/17/25 06:11	02/17/25 14:19	1
Manganese	<0.0022		0.0050	0.0022	mg/L		02/17/25 06:11	02/17/25 14:19	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/17/25 06:11	02/17/25 14:19	1
Potassium	<0.044		0.50	0.044	mg/L		02/17/25 06:11	02/17/25 14:19	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/17/25 14:19	1
Sodium	<0.20		0.50	0.20	mg/L		02/17/25 06:11	02/17/25 14:19	1
Thallium	<0.00026	^+	0.0010	0.00026	mg/L		02/17/25 06:11	02/18/25 16:36	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/24/25 13:18	02/25/25 12:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/18/25 14:18	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/18/25 14:18	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/18/25 14:18	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/19/25 11:12	1
Sulfide (SM 4500 S2 F-2011)	<0.83		0.83	0.83	mg/L			02/17/25 11:43	1

Client Sample ID: WAN-AP1-EB-01

Lab Sample ID: 680-261943-13

Date Collected: 02/12/25 10:15
Matrix: Water
Date Received: 02/15/25 10:20

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			02/21/25 15:35	1
Fluoride	<0.040		0.10	0.040	mg/L			02/21/25 15:35	1
Sulfate	<0.40		1.0	0.40	mg/L			02/21/25 15:35	1

Client Sample ID: WAN-AP1-EB-01

Lab Sample ID: 680-261943-13

Date Collected: 02/12/25 10:15

Matrix: Water

Date Received: 02/15/25 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:11	02/17/25 14:22	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/17/25 14:22	1
Barium	<0.00089		0.010	0.00089	mg/L		02/17/25 06:11	02/17/25 14:22	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/17/25 14:22	1
Boron	<0.022		0.080	0.022	mg/L		02/17/25 06:11	02/17/25 14:22	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/17/25 14:22	1
Calcium	<0.14		0.50	0.14	mg/L		02/17/25 06:11	02/17/25 14:22	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/17/25 14:22	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/17/25 06:11	02/17/25 14:22	1
Iron	<0.012		0.050	0.012	mg/L		02/17/25 06:11	02/17/25 14:22	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/17/25 14:22	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/17/25 06:11	02/18/25 16:41	1
Magnesium	<0.023		0.50	0.023	mg/L		02/17/25 06:11	02/17/25 14:22	1
Manganese	<0.0022		0.0050	0.0022	mg/L		02/17/25 06:11	02/17/25 14:22	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/17/25 06:11	02/17/25 14:22	1
Potassium	<0.044		0.50	0.044	mg/L		02/17/25 06:11	02/17/25 14:22	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/17/25 14:22	1
Sodium	<0.20		0.50	0.20	mg/L		02/17/25 06:11	02/17/25 14:22	1
Thallium	<0.00026	^+	0.0010	0.00026	mg/L		02/17/25 06:11	02/18/25 16:41	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/24/25 13:18	02/25/25 12:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/21/25 21:50	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/21/25 21:50	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/21/25 21:50	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/19/25 11:12	1
Sulfide (SM 4500 S2 F-2011)	**1.2**		0.83	0.83	mg/L			02/17/25 11:43	1

Client Sample ID: WAN-WGWC-10

Lab Sample ID: 680-261943-14

Date Collected: 02/13/25 10:25

Matrix: Water

Date Received: 02/15/25 10:20

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.5**		1.0	0.20	mg/L			02/21/25 15:44	1
Fluoride	<0.040		0.10	0.040	mg/L			02/21/25 15:44	1
Sulfate	**1.9**		1.0	0.40	mg/L			02/21/25 15:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:11	02/17/25 14:14	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/17/25 14:14	1
Barium	**0.032**		0.010	0.00089	mg/L		02/17/25 06:11	02/17/25 14:14	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/17/25 14:14	1

Client Sample ID: WAN-WGWC-10

Lab Sample ID: 680-261943-14

Date Collected: 02/13/25 10:25

Matrix: Water

Date Received: 02/15/25 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		02/17/25 06:11	02/17/25 14:14	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/17/25 14:14	1
Calcium	**8.0**		0.50	0.14	mg/L		02/17/25 06:11	02/17/25 14:14	1
Chromium	**0.0036**		0.0020	0.0012	mg/L		02/17/25 06:11	02/17/25 14:14	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/17/25 06:11	02/17/25 14:14	1
Iron	<0.012		0.050	0.012	mg/L		02/17/25 06:11	02/17/25 14:14	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/17/25 14:14	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/17/25 06:11	02/18/25 16:20	1
Magnesium	**1.8**		0.50	0.023	mg/L		02/17/25 06:11	02/17/25 14:14	1
Manganese	**0.015**		0.0050	0.0022	mg/L		02/17/25 06:11	02/17/25 14:14	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/17/25 06:11	02/17/25 14:14	1
Potassium	**1.8**		0.50	0.044	mg/L		02/17/25 06:11	02/17/25 14:14	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/17/25 14:14	1
Sodium	**3.5**		0.50	0.20	mg/L		02/17/25 06:11	02/17/25 14:14	1
Thallium	<0.00026	^+	0.0010	0.00026	mg/L		02/17/25 06:11	02/18/25 16:20	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/24/25 13:18	02/25/25 12:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**29**		5.0	5.0	mg/L			02/21/25 21:58	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**29**		5.0	5.0	mg/L			02/21/25 21:58	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/21/25 21:58	1
Total Dissolved Solids (SM 2540C-2011)	**58**		10	10	mg/L			02/20/25 06:33	1
Sulfide (SM 4500 S2 F-2011)	<0.89		0.89	0.89	mg/L			02/18/25 12:44	1

Client Sample ID: WAN-WGWC-15

Lab Sample ID: 680-261943-15

Date Collected: 02/13/25 11:40

Matrix: Water

Date Received: 02/15/25 10:20

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.1**		1.0	0.20	mg/L			02/21/25 15:54	1
Fluoride	**0.72**		0.10	0.040	mg/L			02/21/25 15:54	1
Sulfate	**13**		1.0	0.40	mg/L			02/21/25 15:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:11	02/17/25 14:12	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/17/25 14:12	1
Barium	**0.033**		0.010	0.00089	mg/L		02/17/25 06:11	02/17/25 14:12	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/17/25 14:12	1
Boron	<0.022		0.080	0.022	mg/L		02/17/25 06:11	02/17/25 14:12	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/17/25 14:12	1
Calcium	**30**		0.50	0.14	mg/L		02/17/25 06:11	02/17/25 14:12	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/17/25 14:12	1

Client Sample ID: WAN-WGWC-15

Lab Sample ID: 680-261943-15

Date Collected: 02/13/25 11:40

Matrix: Water

Date Received: 02/15/25 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/17/25 06:11	02/17/25 14:12	1
Iron	**0.016**	**J**	0.050	0.012	mg/L		02/17/25 06:11	02/17/25 14:12	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/17/25 14:12	1
Lithium	**0.0052**		0.0050	0.0020	mg/L		02/17/25 06:11	02/18/25 16:16	1
Magnesium	**4.9**		0.50	0.023	mg/L		02/17/25 06:11	02/17/25 14:12	1
Manganese	**0.017**		0.0050	0.0022	mg/L		02/17/25 06:11	02/17/25 14:12	1
Molybdenum	**0.0023**	**J**	0.015	0.00086	mg/L		02/17/25 06:11	02/17/25 14:12	1
Potassium	**1.4**		0.50	0.044	mg/L		02/17/25 06:11	02/17/25 14:12	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/17/25 14:12	1
Sodium	**8.7**		0.50	0.20	mg/L		02/17/25 06:11	02/17/25 14:12	1
Thallium	<0.00026	^+	0.0010	0.00026	mg/L		02/17/25 06:11	02/18/25 16:16	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/24/25 13:18	02/25/25 11:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**97**		5.0	5.0	mg/L			02/21/25 22:07	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**97**		5.0	5.0	mg/L			02/21/25 22:07	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/21/25 22:07	1
Total Dissolved Solids (SM 2540C-2011)	**140**		10	10	mg/L			02/20/25 06:33	1
Sulfide (SM 4500 S2 F-2011)	<0.83		0.83	0.83	mg/L			02/18/25 12:44	1

Client Sample ID: WAN-WGWC-19

Lab Sample ID: 680-261943-16

Date Collected: 02/13/25 09:45

Matrix: Water

Date Received: 02/15/25 10:20

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.1**		1.0	0.20	mg/L			02/21/25 16:04	1
Fluoride	**0.058**	**J**	0.10	0.040	mg/L			02/21/25 16:04	1
Sulfate	**3.3**		1.0	0.40	mg/L			02/21/25 16:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:11	02/17/25 14:09	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/17/25 14:09	1
Barium	**0.0077**	**J**	0.010	0.00089	mg/L		02/17/25 06:11	02/17/25 14:09	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/17/25 14:09	1
Boron	<0.022		0.080	0.022	mg/L		02/17/25 06:11	02/17/25 14:09	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/17/25 14:09	1
Calcium	**13**		0.50	0.14	mg/L		02/17/25 06:11	02/17/25 14:09	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/17/25 14:09	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/17/25 06:11	02/17/25 14:09	1
Iron	**0.046**	**J**	0.050	0.012	mg/L		02/17/25 06:11	02/17/25 14:09	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/17/25 14:09	1
Lithium	**0.060**		0.0050	0.0020	mg/L		02/17/25 06:11	02/18/25 16:12	1

Client Sample ID: WAN-WGWC-19

Lab Sample ID: 680-261943-16

Date Collected: 02/13/25 09:45

Matrix: Water

Date Received: 02/15/25 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	**9.8**		0.50	0.023	mg/L		02/17/25 06:11	02/17/25 14:09	1
Manganese	**0.011**		0.0050	0.0022	mg/L		02/17/25 06:11	02/17/25 14:09	1
Molybdenum	**0.0014**	**J**	0.015	0.00086	mg/L		02/17/25 06:11	02/17/25 14:09	1
Potassium	**1.4**		0.50	0.044	mg/L		02/17/25 06:11	02/17/25 14:09	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/17/25 14:09	1
Sodium	**8.2**		0.50	0.20	mg/L		02/17/25 06:11	02/17/25 14:09	1
Thallium	<0.00026	^+	0.0010	0.00026	mg/L		02/17/25 06:11	02/18/25 16:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/24/25 13:18	02/25/25 12:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**80**		5.0	5.0	mg/L			02/21/25 22:23	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**80**		5.0	5.0	mg/L			02/21/25 22:23	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/21/25 22:23	1
Total Dissolved Solids (SM 2540C-2011)	**100**		10	10	mg/L			02/20/25 06:33	1
Sulfide (SM 4500 S2 F-2011)	<0.83		0.83	0.83	mg/L			02/18/25 12:44	1

Client Sample ID: WAN-WGWC-21

Lab Sample ID: 680-261943-17

Date Collected: 02/13/25 12:08

Matrix: Water

Date Received: 02/15/25 10:20

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**48**		10	2.0	mg/L			02/21/25 16:14	10
Fluoride	<0.40		1.0	0.40	mg/L			02/21/25 16:14	10
Sulfate	**350**		10	4.0	mg/L			02/21/25 16:14	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:11	02/17/25 13:59	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/17/25 13:59	1
Barium	**0.0038**	**J**	0.010	0.00089	mg/L		02/17/25 06:11	02/17/25 13:59	1
Beryllium	**0.00033**	**J**	0.0025	0.00020	mg/L		02/17/25 06:11	02/17/25 13:59	1
Boron	**0.12**		0.080	0.022	mg/L		02/17/25 06:11	02/17/25 13:59	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/17/25 13:59	1
Calcium	**64**		0.50	0.14	mg/L		02/17/25 06:11	02/17/25 13:59	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/17/25 13:59	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/17/25 06:11	02/17/25 13:59	1
Iron	**0.059**		0.050	0.012	mg/L		02/17/25 06:11	02/17/25 13:59	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/17/25 13:59	1
Lithium	**0.065**		0.0050	0.0020	mg/L		02/17/25 06:11	02/18/25 16:08	1
Magnesium	**7.5**		0.50	0.023	mg/L		02/17/25 06:11	02/17/25 13:59	1
Manganese	**0.16**		0.0050	0.0022	mg/L		02/17/25 06:11	02/17/25 13:59	1
Molybdenum	**0.027**		0.015	0.00086	mg/L		02/17/25 06:11	02/17/25 13:59	1
Potassium	**2.8**		0.50	0.044	mg/L		02/17/25 06:11	02/17/25 13:59	1

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

Job ID: 680-261943-1

Client Sample ID: WAN-WGWC-21

Lab Sample ID: 680-261943-17

Date Collected: 02/13/25 12:08
Matrix: Water
Date Received: 02/15/25 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/17/25 13:59	1
Sodium	**160**		0.50	0.20	mg/L		02/17/25 06:11	02/17/25 13:59	1
Thallium	<0.00026	^+	0.0010	0.00026	mg/L		02/17/25 06:11	02/18/25 16:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/24/25 13:18	02/25/25 11:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**96**		5.0	5.0	mg/L			02/21/25 22:42	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**96**		5.0	5.0	mg/L			02/21/25 22:42	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/21/25 22:42	1
Total Dissolved Solids (SM 2540C-2011)	**610**		40	40	mg/L			02/20/25 06:33	1
Sulfide (SM 4500 S2 F-2011)	<0.83		0.83	0.83	mg/L			02/18/25 12:44	1

Client Sample ID: WAN-WGWC-23

Lab Sample ID: 680-261943-18

Date Collected: 02/13/25 16:35
Matrix: Water
Date Received: 02/15/25 10:20

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.1**		1.0	0.20	mg/L			02/21/25 16:24	1
Fluoride	<0.040		0.10	0.040	mg/L			02/21/25 16:24	1
Sulfate	**7.3**		1.0	0.40	mg/L			02/21/25 16:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:11	02/19/25 10:27	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/19/25 10:27	1
Barium	**0.015**		0.010	0.00089	mg/L		02/17/25 06:11	02/19/25 10:27	1
Beryllium	**0.0016**	**J**	0.0025	0.00020	mg/L		02/17/25 06:11	02/19/25 10:27	1
Boron	**0.024**	**J**	0.080	0.022	mg/L		02/17/25 06:11	02/18/25 18:46	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/19/25 10:27	1
Calcium	**4.4**		0.50	0.14	mg/L		02/17/25 06:11	02/19/25 10:27	1
Chromium	**0.0017**	**J**	0.0020	0.0012	mg/L		02/17/25 06:11	02/19/25 10:27	1
Cobalt	**0.00022**	**J**	0.0025	0.00022	mg/L		02/17/25 06:11	02/19/25 10:27	1
Iron	**0.21**		0.050	0.012	mg/L		02/17/25 06:11	02/19/25 10:27	1
Lead	**0.0020**		0.0010	0.00021	mg/L		02/17/25 06:11	02/19/25 10:27	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/17/25 06:11	02/18/25 18:46	1
Magnesium	**0.77**		0.50	0.023	mg/L		02/17/25 06:11	02/19/25 10:27	1
Manganese	**0.019**		0.0050	0.0022	mg/L		02/17/25 06:11	02/19/25 10:27	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/17/25 06:11	02/19/25 10:27	1
Potassium	**2.7**		0.50	0.044	mg/L		02/17/25 06:11	02/19/25 10:27	1
Selenium	**0.0031**	**J**	0.0050	0.00099	mg/L		02/17/25 06:11	02/19/25 10:27	1
Sodium	**13**		0.50	0.20	mg/L		02/17/25 06:11	02/19/25 10:27	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/19/25 10:27	1

Client Sample ID: WAN-WGWC-23

Lab Sample ID: 680-261943-18

Date Collected: 02/13/25 16:35
Matrix: Water
Date Received: 02/15/25 10:20

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/24/25 13:19	02/25/25 10:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**26**		5.0	5.0	mg/L			02/21/25 22:33	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**26**		5.0	5.0	mg/L			02/21/25 22:33	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/21/25 22:33	1
Total Dissolved Solids (SM 2540C-2011)	**140**		10	10	mg/L			02/20/25 06:33	1
Sulfide (SM 4500 S2 F-2011)	<0.89		0.89	0.89	mg/L			02/18/25 12:44	1

Client Sample ID: WAN-WGWC-24

Lab Sample ID: 680-261943-19

Date Collected: 02/13/25 12:11
Matrix: Water
Date Received: 02/15/25 10:20

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19**		5.0	1.0	mg/L			02/22/25 13:32	5
Fluoride	<0.20		0.50	0.20	mg/L			02/22/25 13:32	5
Sulfate	**79**		5.0	2.0	mg/L			02/22/25 13:32	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:11	02/19/25 10:29	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/19/25 10:29	1
Barium	**0.051**		0.010	0.00089	mg/L		02/17/25 06:11	02/19/25 10:29	1
Beryllium	**0.0055**		0.0025	0.00020	mg/L		02/17/25 06:11	02/19/25 10:29	1
Boron	**0.94**		0.080	0.022	mg/L		02/17/25 06:11	02/18/25 18:50	1
Cadmium	**0.00018**	**J**	0.0025	0.000078	mg/L		02/17/25 06:11	02/19/25 10:29	1
Calcium	**20**		0.50	0.14	mg/L		02/17/25 06:11	02/19/25 10:29	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/19/25 10:29	1
Cobalt	**0.039**		0.0025	0.00022	mg/L		02/17/25 06:11	02/19/25 10:29	1
Iron	<0.012		0.050	0.012	mg/L		02/17/25 06:11	02/19/25 10:29	1
Lead	**0.00050**	**J**	0.0010	0.00021	mg/L		02/17/25 06:11	02/19/25 10:29	1
Lithium	**0.0034**	**J**	0.0050	0.0020	mg/L		02/17/25 06:11	02/18/25 18:50	1
Magnesium	**4.4**		0.50	0.023	mg/L		02/17/25 06:11	02/19/25 10:29	1
Manganese	**1.3**		0.0050	0.0022	mg/L		02/17/25 06:11	02/19/25 10:29	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/17/25 06:11	02/19/25 10:29	1
Potassium	**6.8**		0.50	0.044	mg/L		02/17/25 06:11	02/19/25 10:29	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/19/25 10:29	1
Sodium	**7.6**		0.50	0.20	mg/L		02/17/25 06:11	02/19/25 10:29	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/19/25 10:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/24/25 13:19	02/25/25 11:08	1

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

Job ID: 680-261943-1

Client Sample ID: WAN-WGWC-24

Lab Sample ID: 680-261943-19

Date Collected: 02/13/25 12:11
Matrix: Water
Date Received: 02/15/25 10:20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/22/25 01:24	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/22/25 01:24	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/22/25 01:24	1
Total Dissolved Solids (SM 2540C-2011)	**160**		10	10	mg/L			02/20/25 06:33	1
Sulfide (SM 4500 S2 F-2011)	<0.83		0.83	0.83	mg/L			02/18/25 12:44	1

Client Sample ID: WAN-PZ-26D

Lab Sample ID: 680-261943-20

Date Collected: 02/13/25 13:20
Matrix: Water
Date Received: 02/15/25 10:20

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16**		2.0	0.40	mg/L			02/21/25 17:32	2
Fluoride	<0.080		0.20	0.080	mg/L			02/21/25 17:32	2
Sulfate	**24**		2.0	0.80	mg/L			02/21/25 17:32	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:11	02/19/25 10:32	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/19/25 10:32	1
Barium	**0.017**		0.010	0.00089	mg/L		02/17/25 06:11	02/19/25 10:32	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/19/25 10:32	1
Boron	**0.078**	**J**	0.080	0.022	mg/L		02/17/25 06:11	02/18/25 18:54	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/19/25 10:32	1
Calcium	**13**		0.50	0.14	mg/L		02/17/25 06:11	02/19/25 10:32	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/19/25 10:32	1
Cobalt	**0.0011**	**J**	0.0025	0.00022	mg/L		02/17/25 06:11	02/19/25 10:32	1
Iron	**0.13**		0.050	0.012	mg/L		02/17/25 06:11	02/19/25 10:32	1
Lead	**0.0010**		0.0010	0.00021	mg/L		02/17/25 06:11	02/19/25 10:32	1
Lithium	**0.024**		0.0050	0.0020	mg/L		02/17/25 06:11	02/18/25 18:54	1
Magnesium	**2.7**		0.50	0.023	mg/L		02/17/25 06:11	02/19/25 10:32	1
Manganese	**0.027**		0.0050	0.0022	mg/L		02/17/25 06:11	02/19/25 10:32	1
Molybdenum	**0.0027**	**J**	0.015	0.00086	mg/L		02/17/25 06:11	02/19/25 10:32	1
Potassium	**1.7**		0.50	0.044	mg/L		02/17/25 06:11	02/19/25 10:32	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/19/25 10:32	1
Sodium	**22**		0.50	0.20	mg/L		02/17/25 06:11	02/19/25 10:32	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/19/25 10:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/24/25 13:19	02/25/25 10:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**54**		5.0	5.0	mg/L			02/21/25 22:49	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**54**		5.0	5.0	mg/L			02/21/25 22:49	1

Client Sample ID: WAN-PZ-26D

Lab Sample ID: 680-261943-20

Date Collected: 02/13/25 13:20

Matrix: Water

Date Received: 02/15/25 10:20

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/21/25 22:49	1
Total Dissolved Solids (SM 2540C-2011)	**150**		10	10	mg/L			02/20/25 06:33	1
Sulfide (SM 4500 S2 F-2011)	<0.89		0.89	0.89	mg/L			02/18/25 12:44	1

Client Sample ID: WAN-PZ-31

Lab Sample ID: 680-261943-21

Date Collected: 02/13/25 13:15

Matrix: Water

Date Received: 02/15/25 10:20

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.8**		1.0	0.20	mg/L			02/21/25 17:03	1
Fluoride	<0.040		0.10	0.040	mg/L			02/21/25 17:03	1
Sulfate	**0.62**	**J**	1.0	0.40	mg/L			02/21/25 17:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:11	02/19/25 10:19	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/19/25 10:19	1
Barium	**0.059**		0.010	0.00089	mg/L		02/17/25 06:11	02/19/25 10:19	1
Beryllium	**0.00051**	**J**	0.0025	0.00020	mg/L		02/17/25 06:11	02/19/25 10:19	1
Boron	**0.040**	**J**	0.080	0.022	mg/L		02/17/25 06:11	02/18/25 18:38	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/19/25 10:19	1
Calcium	**1.6**		0.50	0.14	mg/L		02/17/25 06:11	02/19/25 10:19	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/19/25 10:19	1
Cobalt	**0.0016**	**J**	0.0025	0.00022	mg/L		02/17/25 06:11	02/19/25 10:19	1
Iron	**0.12**		0.050	0.012	mg/L		02/17/25 06:11	02/19/25 10:19	1
Lead	**0.00070**	**J**	0.0010	0.00021	mg/L		02/17/25 06:11	02/19/25 10:19	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/17/25 06:11	02/18/25 18:38	1
Magnesium	**1.6**		0.50	0.023	mg/L		02/17/25 06:11	02/19/25 10:19	1
Manganese	**0.11**		0.0050	0.0022	mg/L		02/17/25 06:11	02/19/25 10:19	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/17/25 06:11	02/19/25 10:19	1
Potassium	**1.7**		0.50	0.044	mg/L		02/17/25 06:11	02/19/25 10:19	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/19/25 10:19	1
Sodium	**2.4**		0.50	0.20	mg/L		02/17/25 06:11	02/19/25 10:19	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/19/25 10:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/24/25 13:19	02/25/25 10:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**10**		5.0	5.0	mg/L			02/21/25 23:11	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**10**		5.0	5.0	mg/L			02/21/25 23:11	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/21/25 23:11	1
Total Dissolved Solids (SM 2540C-2011)	**38**		10	10	mg/L			02/20/25 06:33	1

Client Sample ID: WAN-PZ-31

Lab Sample ID: 680-261943-21

Date Collected: 02/13/25 13:15

Matrix: Water

Date Received: 02/15/25 10:20

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SM 4500 S2 F-2011)	<0.83		0.83	0.83	mg/L			02/18/25 12:44	1

Client Sample ID: WAN-AP1-FD-03

Lab Sample ID: 680-261943-22

Date Collected: 02/13/25 00:00

Matrix: Water

Date Received: 02/15/25 10:20

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.1**		1.0	0.20	mg/L			02/22/25 13:42	1
Fluoride	**0.11**		0.10	0.040	mg/L			02/22/25 13:42	1
Sulfate	**3.3**		1.0	0.40	mg/L			02/22/25 13:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:11	02/19/25 10:22	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/19/25 10:22	1
Barium	**0.0012**	**J**	0.010	0.00089	mg/L		02/17/25 06:11	02/19/25 10:22	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/19/25 10:22	1
Boron	**0.028**	**J**	0.080	0.022	mg/L		02/17/25 06:11	02/18/25 18:42	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/19/25 10:22	1
Calcium	**12**		0.50	0.14	mg/L		02/17/25 06:11	02/19/25 10:22	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/19/25 10:22	1
Cobalt	**0.00022**	**J**	0.0025	0.00022	mg/L		02/17/25 06:11	02/19/25 10:22	1
Iron	**0.048**	**J**	0.050	0.012	mg/L		02/17/25 06:11	02/19/25 10:22	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/19/25 10:22	1
Lithium	**0.059**		0.0050	0.0020	mg/L		02/17/25 06:11	02/18/25 18:42	1
Magnesium	**9.9**		0.50	0.023	mg/L		02/17/25 06:11	02/19/25 10:22	1
Manganese	**0.011**		0.0050	0.0022	mg/L		02/17/25 06:11	02/19/25 10:22	1
Molybdenum	**0.0013**	**J**	0.015	0.00086	mg/L		02/17/25 06:11	02/19/25 10:22	1
Potassium	**1.5**		0.50	0.044	mg/L		02/17/25 06:11	02/19/25 10:22	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/19/25 10:22	1
Sodium	**8.1**		0.50	0.20	mg/L		02/17/25 06:11	02/19/25 10:22	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/19/25 10:22	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/24/25 13:19	02/25/25 10:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**84**		5.0	5.0	mg/L			02/22/25 00:57	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**84**		5.0	5.0	mg/L			02/22/25 00:57	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/22/25 00:57	1
Total Dissolved Solids (SM 2540C-2011)	**110**		10	10	mg/L			02/20/25 06:33	1
Sulfide (SM 4500 S2 F-2011)	<0.83		0.83	0.83	mg/L			02/18/25 12:44	1

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

Job ID: 680-261943-1

Client Sample ID: WAN-AP1-FB-09

Lab Sample ID: 680-261943-23

Date Collected: 02/13/25 13:40

Matrix: Water

Date Received: 02/15/25 10:20

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			02/21/25 17:51	1
Fluoride	<0.040		0.10	0.040	mg/L			02/21/25 17:51	1
Sulfate	<0.40		1.0	0.40	mg/L			02/21/25 17:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:11	02/19/25 10:34	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/19/25 10:34	1
Barium	<0.00089		0.010	0.00089	mg/L		02/17/25 06:11	02/19/25 10:34	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/19/25 10:34	1
Boron	<0.022		0.080	0.022	mg/L		02/17/25 06:11	02/18/25 18:59	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/19/25 10:34	1
Calcium	<0.14		0.50	0.14	mg/L		02/17/25 06:11	02/19/25 10:34	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/19/25 10:34	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/17/25 06:11	02/19/25 10:34	1
Iron	<0.012		0.050	0.012	mg/L		02/17/25 06:11	02/19/25 10:34	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/19/25 10:34	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/17/25 06:11	02/18/25 18:59	1
Magnesium	<0.023		0.50	0.023	mg/L		02/17/25 06:11	02/19/25 10:34	1
Manganese	<0.0022		0.0050	0.0022	mg/L		02/17/25 06:11	02/19/25 10:34	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/17/25 06:11	02/19/25 10:34	1
Potassium	<0.044		0.50	0.044	mg/L		02/17/25 06:11	02/19/25 10:34	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/19/25 10:34	1
Sodium	<0.20		0.50	0.20	mg/L		02/17/25 06:11	02/19/25 10:34	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/19/25 10:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/24/25 13:19	02/25/25 11:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/22/25 01:12	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/22/25 01:12	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/22/25 01:12	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/20/25 06:33	1
Sulfide (SM 4500 S2 F-2011)	<0.83		0.83	0.83	mg/L			02/18/25 12:44	1

Client Sample ID: WAN-AP1-EB-02

Lab Sample ID: 680-261943-24

Date Collected: 02/13/25 11:05

Matrix: Water

Date Received: 02/15/25 10:20

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			02/21/25 18:01	1
Fluoride	<0.040		0.10	0.040	mg/L			02/21/25 18:01	1
Sulfate	<0.40		1.0	0.40	mg/L			02/21/25 18:01	1

Client Sample ID: WAN-AP1-EB-02

Lab Sample ID: 680-261943-24

Date Collected: 02/13/25 11:05

Matrix: Water

Date Received: 02/15/25 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:11	02/19/25 10:37	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/19/25 10:37	1
Barium	<0.00089		0.010	0.00089	mg/L		02/17/25 06:11	02/19/25 10:37	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/19/25 10:37	1
Boron	<0.022		0.080	0.022	mg/L		02/17/25 06:11	02/18/25 19:11	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/19/25 10:37	1
Calcium	<0.14		0.50	0.14	mg/L		02/17/25 06:11	02/19/25 10:37	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/19/25 10:37	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/17/25 06:11	02/19/25 10:37	1
Iron	<0.012		0.050	0.012	mg/L		02/17/25 06:11	02/19/25 10:37	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/19/25 10:37	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/17/25 06:11	02/18/25 19:11	1
Magnesium	<0.023		0.50	0.023	mg/L		02/17/25 06:11	02/19/25 10:37	1
Manganese	<0.0022		0.0050	0.0022	mg/L		02/17/25 06:11	02/19/25 10:37	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/17/25 06:11	02/19/25 10:37	1
Potassium	<0.044		0.50	0.044	mg/L		02/17/25 06:11	02/19/25 10:37	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/19/25 10:37	1
Sodium	<0.20		0.50	0.20	mg/L		02/17/25 06:11	02/19/25 10:37	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/19/25 10:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/24/25 13:19	02/25/25 10:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/22/25 01:29	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/22/25 01:29	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/22/25 01:29	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/20/25 07:49	1
Sulfide (SM 4500 S2 F-2011)	<0.83		0.83	0.83	mg/L			02/18/25 12:44	1

Client Sample ID: WAN-AP1-EB-03

Lab Sample ID: 680-261943-25

Date Collected: 02/13/25 13:00

Matrix: Water

Date Received: 02/15/25 10:20

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			02/21/25 18:11	1
Fluoride	<0.040		0.10	0.040	mg/L			02/21/25 18:11	1
Sulfate	<0.40		1.0	0.40	mg/L			02/21/25 18:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:11	02/19/25 10:40	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/19/25 10:40	1
Barium	<0.00089		0.010	0.00089	mg/L		02/17/25 06:11	02/19/25 10:40	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/19/25 10:40	1

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

Job ID: 680-261943-1

Client Sample ID: WAN-AP1-EB-03
Date Collected: 02/13/25 13:00
Date Received: 02/15/25 10:20

Lab Sample ID: 680-261943-25
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		02/17/25 06:11	02/18/25 19:15	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/19/25 10:40	1
Calcium	<0.14		0.50	0.14	mg/L		02/17/25 06:11	02/19/25 10:40	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/19/25 10:40	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/17/25 06:11	02/19/25 10:40	1
Iron	<0.012		0.050	0.012	mg/L		02/17/25 06:11	02/19/25 10:40	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/19/25 10:40	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/17/25 06:11	02/18/25 19:15	1
Magnesium	<0.023		0.50	0.023	mg/L		02/17/25 06:11	02/19/25 10:40	1
Manganese	<0.0022		0.0050	0.0022	mg/L		02/17/25 06:11	02/19/25 10:40	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/17/25 06:11	02/19/25 10:40	1
Potassium	<0.044		0.50	0.044	mg/L		02/17/25 06:11	02/19/25 10:40	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/19/25 10:40	1
Sodium	<0.20		0.50	0.20	mg/L		02/17/25 06:11	02/19/25 10:40	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/19/25 10:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/24/25 13:19	02/25/25 10:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/22/25 01:18	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/22/25 01:18	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			02/22/25 01:18	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/20/25 07:49	1
Sulfide (SM 4500 S2 F-2011)	<0.83		0.83	0.83	mg/L			02/18/25 12:44	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-876596/2
Matrix: Water
Analysis Batch: 876596

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			02/21/25 10:16	1
Fluoride	<0.040		0.10	0.040	mg/L			02/21/25 10:16	1
Sulfate	<0.40		1.0	0.40	mg/L			02/21/25 10:16	1

Lab Sample ID: LCS 680-876596/3
Matrix: Water
Analysis Batch: 876596

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	9.70		mg/L		97	90 - 110
Fluoride	2.00	1.89		mg/L		95	90 - 110
Sulfate	10.0	10.4		mg/L		104	90 - 110

Lab Sample ID: LCSD 680-876596/4
Matrix: Water
Analysis Batch: 876596

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.77		mg/L		98	90 - 110	1	15
Fluoride	2.00	1.90		mg/L		95	90 - 110	0	15
Sulfate	10.0	10.4		mg/L		104	90 - 110	0	15

Lab Sample ID: 680-261941-D-17 MS
Matrix: Water
Analysis Batch: 876596

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	2.5		10.0	13.0		mg/L		106	80 - 120
Fluoride	<0.040		2.00	2.00		mg/L		100	80 - 120
Sulfate	0.75	J	10.0	11.5		mg/L		108	80 - 120

Lab Sample ID: 680-261941-D-17 MSD
Matrix: Water
Analysis Batch: 876596

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	2.5		10.0	12.6		mg/L		101	80 - 120	3	15
Fluoride	<0.040		2.00	1.90		mg/L		95	80 - 120	5	15
Sulfate	0.75	J	10.0	11.2		mg/L		104	80 - 120	3	15

Lab Sample ID: MB 680-876645/2
Matrix: Water
Analysis Batch: 876645

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			02/21/25 13:23	1
Fluoride	<0.040		0.10	0.040	mg/L			02/21/25 13:23	1
Sulfate	<0.40		1.0	0.40	mg/L			02/21/25 13:23	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 680-876645/3
Matrix: Water
Analysis Batch: 876645

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			2.00	2.04		mg/L		102	90 - 110		
Sulfate			10.0	10.9		mg/L		109	90 - 110		

Lab Sample ID: LCSD 680-876645/4
Matrix: Water
Analysis Batch: 876645

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			10.0	9.87		mg/L		99	90 - 110	0	15
Fluoride			2.00	2.03		mg/L		101	90 - 110	1	15
Sulfate			10.0	10.8		mg/L		108	90 - 110	0	15

Lab Sample ID: 680-261943-10 MS
Matrix: Water
Analysis Batch: 876645

Client Sample ID: WAN-WAMW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	2.9	F1	10.0	2.87	F1	mg/L		-0.2	80 - 120		
Fluoride	0.13	F1	2.00	0.123	F1	mg/L		-0.3	80 - 120		
Sulfate	4.1	F1	10.0	4.04	F1	mg/L		-0.4	80 - 120		

Lab Sample ID: 680-261943-10 MSD
Matrix: Water
Analysis Batch: 876645

Client Sample ID: WAN-WAMW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.9	F1	10.0	2.88	F1	mg/L		-0.04	80 - 120	0	15
Fluoride	0.13	F1	2.00	0.134	F1	mg/L		0.2	80 - 120	9	15
Sulfate	4.1	F1	10.0	4.07	F1	mg/L		-0.07	80 - 120	1	15

Lab Sample ID: 680-261943-21 MS
Matrix: Water
Analysis Batch: 876645

Client Sample ID: WAN-PZ-31
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	4.8		10.0	15.5		mg/L		106	80 - 120		
Fluoride	<0.040		2.00	2.15		mg/L		108	80 - 120		
Sulfate	0.62	J	10.0	11.6		mg/L		110	80 - 120		

Lab Sample ID: 680-261943-21 MSD
Matrix: Water
Analysis Batch: 876645

Client Sample ID: WAN-PZ-31
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4.8		10.0	15.0		mg/L		102	80 - 120	3	15
Fluoride	<0.040		2.00	2.06		mg/L		103	80 - 120	4	15
Sulfate	0.62	J	10.0	11.1		mg/L		105	80 - 120	5	15

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 680-876688/2
Matrix: Water
Analysis Batch: 876688

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			02/22/25 11:58	1
Fluoride	<0.040		0.10	0.040	mg/L			02/22/25 11:58	1
Sulfate	<0.40		1.0	0.40	mg/L			02/22/25 11:58	1

Lab Sample ID: LCS 680-876688/3
Matrix: Water
Analysis Batch: 876688

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	9.97		mg/L		100	90 - 110
Fluoride	2.00	2.04		mg/L		102	90 - 110
Sulfate	10.0	10.9		mg/L		109	90 - 110

Lab Sample ID: LCSD 680-876688/4
Matrix: Water
Analysis Batch: 876688

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.0		mg/L		100	90 - 110	0	15
Fluoride	2.00	2.04		mg/L		102	90 - 110	0	15
Sulfate	10.0	10.9		mg/L		109	90 - 110	0	15

Lab Sample ID: 680-261943-11 MS
Matrix: Water
Analysis Batch: 876688

Client Sample ID: WAN-AP1-FD-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.3	F1	10.0	10.1	F1	mg/L		77	80 - 120
Fluoride	0.063	J F1 F2	2.00	1.56	F1	mg/L		75	80 - 120
Sulfate	5.4	F1	10.0	13.0	F1	mg/L		76	80 - 120

Lab Sample ID: 680-261943-11 MSD
Matrix: Water
Analysis Batch: 876688

Client Sample ID: WAN-AP1-FD-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	2.3	F1	10.0	11.6		mg/L		93	80 - 120	14	15
Fluoride	0.063	J F1 F2	2.00	1.87	F2	mg/L		90	80 - 120	18	15
Sulfate	5.4	F1	10.0	14.9		mg/L		95	80 - 120	14	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-875904/1-A
Matrix: Water
Analysis Batch: 876267

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 875904

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		02/17/25 06:11	02/18/25 17:33	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/17/25 06:11	02/18/25 17:33	1

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

Lab Sample ID: MB 680-875904/1-A
Matrix: Water
Analysis Batch: 876418

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 875904

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:11	02/19/25 09:28	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/19/25 09:28	1
Barium	<0.00089		0.010	0.00089	mg/L		02/17/25 06:11	02/19/25 09:28	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/19/25 09:28	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/19/25 09:28	1
Calcium	<0.14		0.50	0.14	mg/L		02/17/25 06:11	02/19/25 09:28	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/19/25 09:28	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/17/25 06:11	02/19/25 09:28	1
Iron	<0.012		0.050	0.012	mg/L		02/17/25 06:11	02/19/25 09:28	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/19/25 09:28	1
Magnesium	<0.023		0.50	0.023	mg/L		02/17/25 06:11	02/19/25 09:28	1
Manganese	<0.0022		0.0050	0.0022	mg/L		02/17/25 06:11	02/19/25 09:28	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/17/25 06:11	02/19/25 09:28	1
Potassium	<0.044		0.50	0.044	mg/L		02/17/25 06:11	02/19/25 09:28	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/19/25 09:28	1
Sodium	<0.20		0.50	0.20	mg/L		02/17/25 06:11	02/19/25 09:28	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:11	02/19/25 09:28	1

Lab Sample ID: LCS 680-875904/2-A
Matrix: Water
Analysis Batch: 876267

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 875904

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.400	0.391		mg/L		98	80 - 120
Lithium	0.500	0.506		mg/L		101	80 - 120

Lab Sample ID: LCS 680-875904/2-A
Matrix: Water
Analysis Batch: 876418

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 875904

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0494		mg/L		99	80 - 120
Arsenic	0.100	0.0972		mg/L		97	80 - 120
Barium	0.100	0.0989		mg/L		99	80 - 120
Beryllium	0.0500	0.0502		mg/L		100	80 - 120
Cadmium	0.0500	0.0492		mg/L		98	80 - 120
Calcium	5.00	4.88		mg/L		98	80 - 120
Chromium	0.100	0.0982		mg/L		98	80 - 120
Cobalt	0.0500	0.0502		mg/L		100	80 - 120
Iron	5.00	5.01		mg/L		100	80 - 120
Lead	0.500	0.496		mg/L		99	80 - 120
Magnesium	5.00	4.96		mg/L		99	80 - 120
Manganese	0.400	0.398		mg/L		100	80 - 120
Molybdenum	0.100	0.100		mg/L		100	80 - 120
Potassium	7.00	6.96		mg/L		99	80 - 120
Selenium	0.100	0.0969		mg/L		97	80 - 120
Sodium	5.00	5.06		mg/L		101	80 - 120
Thallium	0.0500	0.0489		mg/L		98	80 - 120

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

Lab Sample ID: 180-186495-E-1-B MS
Matrix: Water
Analysis Batch: 876267

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 875904

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.022		0.400	0.431		mg/L		108	75 - 125
Lithium	<0.0020		0.500	0.533		mg/L		107	75 - 125

Lab Sample ID: 180-186495-E-1-B MS
Matrix: Water
Analysis Batch: 876418

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 875904

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0529		mg/L		106	75 - 125
Arsenic	<0.00086		0.100	0.103		mg/L		103	75 - 125
Barium	0.0091	J	0.100	0.115		mg/L		106	75 - 125
Beryllium	<0.00020		0.0500	0.0537		mg/L		107	75 - 125
Cadmium	<0.000078		0.0500	0.0519		mg/L		104	75 - 125
Calcium	120		5.00	136	4	mg/L		226	75 - 125
Chromium	<0.0012		0.100	0.105		mg/L		105	75 - 125
Cobalt	<0.00022		0.0500	0.0534		mg/L		107	75 - 125
Iron	0.012	J	5.00	5.24		mg/L		105	75 - 125
Lead	<0.00021		0.500	0.536		mg/L		107	75 - 125
Magnesium	<0.023		5.00	5.22		mg/L		104	75 - 125
Manganese	<0.0022		0.400	0.425		mg/L		106	75 - 125
Molybdenum	0.0042	J	0.100	0.112		mg/L		108	75 - 125
Potassium	1.1		7.00	8.50		mg/L		106	75 - 125
Selenium	<0.00099		0.100	0.103		mg/L		103	75 - 125
Sodium	17		5.00	23.1		mg/L		121	75 - 125
Thallium	<0.00026		0.0500	0.0524		mg/L		105	75 - 125

Lab Sample ID: 180-186495-E-1-C MSD
Matrix: Water
Analysis Batch: 876267

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 875904

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.022		0.400	0.417		mg/L		104	75 - 125	3	20
Lithium	<0.0020		0.500	0.508		mg/L		102	75 - 125	5	20

Lab Sample ID: 180-186495-E-1-C MSD
Matrix: Water
Analysis Batch: 876418

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 875904

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0539		mg/L		108	75 - 125	2	20
Arsenic	<0.00086		0.100	0.104		mg/L		104	75 - 125	1	20
Barium	0.0091	J	0.100	0.118		mg/L		109	75 - 125	3	20
Beryllium	<0.00020		0.0500	0.0553		mg/L		111	75 - 125	3	20
Cadmium	<0.000078		0.0500	0.0538		mg/L		108	75 - 125	4	20
Calcium	120		5.00	135	4	mg/L		212	75 - 125	1	20
Chromium	<0.0012		0.100	0.107		mg/L		107	75 - 125	2	20
Cobalt	<0.00022		0.0500	0.0545		mg/L		109	75 - 125	2	20
Iron	0.012	J	5.00	5.38		mg/L		108	75 - 125	3	20
Lead	<0.00021		0.500	0.537		mg/L		107	75 - 125	0	20

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

Lab Sample ID: 180-186495-E-1-C MSD
Matrix: Water
Analysis Batch: 876418

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 875904

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Magnesium	<0.023		5.00	5.42		mg/L		108	75 - 125	4	20
Manganese	<0.0022		0.400	0.427		mg/L		107	75 - 125	1	20
Molybdenum	0.0042	J	0.100	0.115		mg/L		111	75 - 125	2	20
Potassium	1.1		7.00	8.60		mg/L		107	75 - 125	1	20
Selenium	<0.00099		0.100	0.105		mg/L		105	75 - 125	2	20
Sodium	17		5.00	23.2		mg/L		123	75 - 125	0	20
Thallium	<0.00026		0.0500	0.0528		mg/L		106	75 - 125	1	20

Lab Sample ID: MB 680-875906/1-A
Matrix: Water
Analysis Batch: 876142

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 875906

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:11	02/17/25 13:35	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:11	02/17/25 13:35	1
Barium	<0.00089		0.010	0.00089	mg/L		02/17/25 06:11	02/17/25 13:35	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:11	02/17/25 13:35	1
Boron	<0.022		0.080	0.022	mg/L		02/17/25 06:11	02/17/25 13:35	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:11	02/17/25 13:35	1
Calcium	<0.14		0.50	0.14	mg/L		02/17/25 06:11	02/17/25 13:35	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:11	02/17/25 13:35	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/17/25 06:11	02/17/25 13:35	1
Iron	<0.012		0.050	0.012	mg/L		02/17/25 06:11	02/17/25 13:35	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:11	02/17/25 13:35	1
Magnesium	<0.023		0.50	0.023	mg/L		02/17/25 06:11	02/17/25 13:35	1
Manganese	<0.0022		0.0050	0.0022	mg/L		02/17/25 06:11	02/17/25 13:35	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/17/25 06:11	02/17/25 13:35	1
Potassium	<0.044		0.50	0.044	mg/L		02/17/25 06:11	02/17/25 13:35	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:11	02/17/25 13:35	1
Sodium	<0.20		0.50	0.20	mg/L		02/17/25 06:11	02/17/25 13:35	1

Lab Sample ID: MB 680-875906/1-A
Matrix: Water
Analysis Batch: 876267

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 875906

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0020		0.0050	0.0020	mg/L		02/17/25 06:11	02/18/25 15:48	1
Thallium	<0.00026	^+	0.0010	0.00026	mg/L		02/17/25 06:11	02/18/25 15:48	1

Lab Sample ID: LCS 680-875906/2-A
Matrix: Water
Analysis Batch: 876142

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 875906

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0528		mg/L		106	80 - 120
Arsenic	0.100	0.107		mg/L		107	80 - 120
Barium	0.100	0.103		mg/L		103	80 - 120
Beryllium	0.0500	0.0557		mg/L		111	80 - 120
Boron	0.400	0.417		mg/L		104	80 - 120

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

Lab Sample ID: LCS 680-875906/2-A
Matrix: Water
Analysis Batch: 876142

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 875906

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	0.0500	0.0505		mg/L		101	80 - 120
Calcium	5.00	5.39		mg/L		108	80 - 120
Chromium	0.100	0.105		mg/L		105	80 - 120
Cobalt	0.0500	0.0526		mg/L		105	80 - 120
Iron	5.00	5.30		mg/L		106	80 - 120
Lead	0.500	0.528		mg/L		106	80 - 120
Magnesium	5.00	5.30		mg/L		106	80 - 120
Manganese	0.400	0.418		mg/L		105	80 - 120
Molybdenum	0.100	0.109		mg/L		109	80 - 120
Potassium	7.00	7.39		mg/L		106	80 - 120
Selenium	0.100	0.106		mg/L		106	80 - 120
Sodium	5.00	5.37		mg/L		107	80 - 120

Lab Sample ID: LCS 680-875906/2-A
Matrix: Water
Analysis Batch: 876267

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 875906

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.500	0.505		mg/L		101	80 - 120
Thallium	0.0500	0.0537	^+	mg/L		107	80 - 120

Lab Sample ID: 752-29506-A-3-B MS
Matrix: Water
Analysis Batch: 876142

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 875906

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.00036	J	0.0500	0.0552		mg/L		110	75 - 125
Arsenic	<0.00086		0.100	0.106		mg/L		106	75 - 125
Barium	0.037		0.100	0.143		mg/L		106	75 - 125
Beryllium	<0.00020		0.0500	0.0568		mg/L		114	75 - 125
Boron	<0.022		0.400	0.442		mg/L		110	75 - 125
Cadmium	<0.000078		0.0500	0.0520		mg/L		104	75 - 125
Calcium	6.4		5.00	11.8		mg/L		107	75 - 125
Chromium	0.0018	J	0.100	0.107		mg/L		105	75 - 125
Cobalt	<0.00022		0.0500	0.0522		mg/L		104	75 - 125
Iron	0.27		5.00	5.63		mg/L		107	75 - 125
Lead	0.0019		0.500	0.548		mg/L		109	75 - 125
Magnesium	1.1		5.00	6.40		mg/L		105	75 - 125
Manganese	0.015		0.400	0.433		mg/L		105	75 - 125
Molybdenum	<0.00086		0.100	0.113		mg/L		113	75 - 125
Potassium	1.5		7.00	8.85		mg/L		105	75 - 125
Selenium	<0.00099		0.100	0.109		mg/L		109	75 - 125
Sodium	12		5.00	16.4		mg/L		90	75 - 125

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

Lab Sample ID: 752-29506-A-3-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 876267 — **Prep Batch: 875906**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	<0.0020		0.500	0.530		mg/L		106	75 - 125
Thallium	<0.00026		0.0500	0.0549		mg/L		110	75 - 125

Lab Sample ID: 752-29506-A-3-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 876142 — **Prep Batch: 875906**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	0.00036	J	0.0500	0.0558		mg/L		111	75 - 125	1	20
Arsenic	<0.00086		0.100	0.109		mg/L		109	75 - 125	2	20
Barium	0.037		0.100	0.158		mg/L		121	75 - 125	10	20
Beryllium	<0.00020		0.0500	0.0570		mg/L		114	75 - 125	0	20
Boron	<0.022		0.400	0.445		mg/L		111	75 - 125	1	20
Cadmium	<0.000078		0.0500	0.0535		mg/L		107	75 - 125	3	20
Calcium	6.4		5.00	11.6		mg/L		103	75 - 125	2	20
Chromium	0.0018	J	0.100	0.108		mg/L		106	75 - 125	1	20
Cobalt	<0.00022		0.0500	0.0517		mg/L		103	75 - 125	1	20
Iron	0.27		5.00	5.62		mg/L		107	75 - 125	0	20
Lead	0.0019		0.500	0.544		mg/L		108	75 - 125	1	20
Magnesium	1.1		5.00	6.45		mg/L		106	75 - 125	1	20
Manganese	0.015		0.400	0.434		mg/L		105	75 - 125	0	20
Molybdenum	<0.00086		0.100	0.113		mg/L		113	75 - 125	0	20
Potassium	1.5		7.00	9.13		mg/L		109	75 - 125	3	20
Selenium	<0.00099		0.100	0.110		mg/L		110	75 - 125	0	20
Sodium	12		5.00	16.3		mg/L		89	75 - 125	0	20

Lab Sample ID: 752-29506-A-3-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 876267 — **Prep Batch: 875906**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0020		0.500	0.524		mg/L		105	75 - 125	1	20
Thallium	<0.00026		0.0500	0.0552		mg/L		110	75 - 125	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-876505/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 876558 — **Prep Batch: 876505**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/20/25 12:56	02/20/25 17:13	1

Lab Sample ID: LCS 680-876505/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 876558 — **Prep Batch: 876505**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00264		mg/L		106	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 680-261844-B-11-C MS
Matrix: Water
Analysis Batch: 876558

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 876505

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.000983		mg/L		98	80 - 120

Lab Sample ID: 680-261844-B-11-D MSD
Matrix: Water
Analysis Batch: 876558

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 876505

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00105		mg/L		105	80 - 120	7	20

Lab Sample ID: MB 680-876641/1-A
Matrix: Water
Analysis Batch: 876741

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 876641

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/21/25 12:45	02/23/25 14:46	1

Lab Sample ID: LCS 680-876641/2-A
Matrix: Water
Analysis Batch: 876741

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 876641

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00255		mg/L		102	80 - 120

Lab Sample ID: 680-261943-3 MS
Matrix: Water
Analysis Batch: 876741

Client Sample ID: WAN-WGWC-16
Prep Type: Total/NA
Prep Batch: 876641

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.00101		mg/L		101	80 - 120

Lab Sample ID: 680-261943-3 MSD
Matrix: Water
Analysis Batch: 876741

Client Sample ID: WAN-WGWC-16
Prep Type: Total/NA
Prep Batch: 876641

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000993		mg/L		99	80 - 120	2	20

Lab Sample ID: MB 680-876812/1-A
Matrix: Water
Analysis Batch: 876960

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 876812

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/24/25 13:18	02/25/25 11:39	1

Lab Sample ID: LCS 680-876812/2-A
Matrix: Water
Analysis Batch: 876960

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 876812

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00255		mg/L		102	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: 680-261943-17 MS
Matrix: Water
Analysis Batch: 876960

Client Sample ID: WAN-WGWC-21
Prep Type: Total/NA
Prep Batch: 876812

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.000080		0.00100	0.00100		mg/L		100	80 - 120		

Lab Sample ID: 680-261943-17 MSD
Matrix: Water
Analysis Batch: 876960

Client Sample ID: WAN-WGWC-21
Prep Type: Total/NA
Prep Batch: 876812

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000995		mg/L		99	80 - 120	1	20

Lab Sample ID: MB 680-876813/1-A
Matrix: Water
Analysis Batch: 876960

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 876813

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/24/25 13:19	02/25/25 10:29	1

Lab Sample ID: LCS 680-876813/2-A
Matrix: Water
Analysis Batch: 876960

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 876813

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00252		mg/L		101	80 - 120		

Lab Sample ID: 680-261943-25 MS
Matrix: Water
Analysis Batch: 876960

Client Sample ID: WAN-AP1-EB-03
Prep Type: Total/NA
Prep Batch: 876813

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.000080		0.00100	0.000984		mg/L		98	80 - 120		

Lab Sample ID: 680-261943-25 MSD
Matrix: Water
Analysis Batch: 876960

Client Sample ID: WAN-AP1-EB-03
Prep Type: Total/NA
Prep Batch: 876813

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000990		mg/L		99	80 - 120	1	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-876307/4
Matrix: Water
Analysis Batch: 876307

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/18/25 12:37	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/18/25 12:37	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/18/25 12:37	1

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

Lab Sample ID: LCS 680-876307/6
Matrix: Water
Analysis Batch: 876307

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			250	247		mg/L		99	90 - 112		

Lab Sample ID: LCSD 680-876307/31
Matrix: Water
Analysis Batch: 876307

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3			250	248		mg/L		99	90 - 112	0	30

Lab Sample ID: 680-261943-9 DU
Matrix: Water
Analysis Batch: 876307

Client Sample ID: WAN-WAMW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	12			10.4		mg/L				17	30
Bicarbonate Alkalinity as CaCO3	12			10.4		mg/L				17	30
Carbonate Alkalinity as CaCO3	<5.0			<5.0		mg/L				NC	30

Lab Sample ID: MB 680-876836/4
Matrix: Water
Analysis Batch: 876836

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/21/25 19:04	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/21/25 19:04	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/21/25 19:04	1

Lab Sample ID: LCS 680-876836/6
Matrix: Water
Analysis Batch: 876836

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			250	246		mg/L		99	90 - 112		

Lab Sample ID: LCSD 680-876836/31
Matrix: Water
Analysis Batch: 876836

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3			250	246		mg/L		98	90 - 112	0	30

Lab Sample ID: 680-261941-C-10 DU
Matrix: Water
Analysis Batch: 876836

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	28			25.5		mg/L				9	30
Bicarbonate Alkalinity as CaCO3	28			25.5		mg/L				9	30
Carbonate Alkalinity as CaCO3	<5.0			<5.0		mg/L				NC	30

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

Lab Sample ID: MB 680-876837/4
Matrix: Water
Analysis Batch: 876837

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/25 00:33	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/25 00:33	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			02/22/25 00:33	1

Lab Sample ID: LCS 680-876837/6
Matrix: Water
Analysis Batch: 876837

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	250	248		mg/L		99	90 - 112

Lab Sample ID: LCSD 680-876837/31
Matrix: Water
Analysis Batch: 876837

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3	250	250		mg/L		100	90 - 112	1	30

Lab Sample ID: 680-261943-22 DU
Matrix: Water
Analysis Batch: 876837

Client Sample ID: WAN-AP1-FD-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3	84		83.7		mg/L		0.2	30
Bicarbonate Alkalinity as CaCO3	84		83.7		mg/L		0.2	30
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-876097/1
Matrix: Water
Analysis Batch: 876097

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			02/18/25 07:09	1

Lab Sample ID: LCS 680-876097/2
Matrix: Water
Analysis Batch: 876097

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	2440	2420		mg/L		99	80 - 120

Lab Sample ID: LCSD 680-876097/3
Matrix: Water
Analysis Batch: 876097

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	2440	2400		mg/L		98	80 - 120	1	25

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C) (Continued)

Lab Sample ID: 680-261823-A-1 DU
Matrix: Water
Analysis Batch: 876097

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	250			240		mg/L				3	5

Lab Sample ID: MB 680-876316/1
Matrix: Water
Analysis Batch: 876316

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			02/18/25 07:09	1

Lab Sample ID: LCS 680-876316/2
Matrix: Water
Analysis Batch: 876316

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			2440	2410		mg/L		99	80 - 120		

Lab Sample ID: LCSD 680-876316/3
Matrix: Water
Analysis Batch: 876316

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2400		mg/L		99	80 - 120	0	25

Lab Sample ID: 680-261943-4 DU
Matrix: Water
Analysis Batch: 876316

Client Sample ID: WAN-WGWC-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1300			1250		mg/L				2	5

Lab Sample ID: MB 680-876411/1
Matrix: Water
Analysis Batch: 876411

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			02/20/25 06:33	1

Lab Sample ID: LCS 680-876411/2
Matrix: Water
Analysis Batch: 876411

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			2440	2410		mg/L		99	80 - 120		

Lab Sample ID: LCSD 680-876411/3
Matrix: Water
Analysis Batch: 876411

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2370		mg/L		97	80 - 120	1	25

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: 680-261943-17 DU
Matrix: Water
Analysis Batch: 876411

Client Sample ID: WAN-WGWC-21
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	610			618		mg/L				1	5

Lab Sample ID: MB 680-876416/1
Matrix: Water
Analysis Batch: 876416

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			02/20/25 07:49	1

Lab Sample ID: LCS 680-876416/2
Matrix: Water
Analysis Batch: 876416

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			2440	2350		mg/L		96	80 - 120		

Lab Sample ID: LCSD 680-876416/3
Matrix: Water
Analysis Batch: 876416

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2380		mg/L		98	80 - 120	1	25

Lab Sample ID: 680-261988-C-1 DU
Matrix: Water
Analysis Batch: 876416

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	350			364		mg/L				5	5

Method: 4500 S2 F-2011 - Sulfide, Total

Lab Sample ID: MB 680-875975/1
Matrix: Water
Analysis Batch: 875975

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<1.0		1.0	1.0	mg/L			02/17/25 11:37	1

Lab Sample ID: LCS 680-875975/2
Matrix: Water
Analysis Batch: 875975

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide			10.0	8.24		mg/L		82	75 - 125		

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

Lab Sample ID: LCSD 680-875975/3
Matrix: Water
Analysis Batch: 875975

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide			10.0	9.83		mg/L		98	75 - 125	18	30

Lab Sample ID: 680-261860-E-5 MS
Matrix: Water
Analysis Batch: 875975

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		
Sulfide	<0.83		6.94	5.91		mg/L		85	75 - 125		

Lab Sample ID: 680-261860-E-5 MSD
Matrix: Water
Analysis Batch: 875975

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
Sulfide	<0.83		6.94	5.91		mg/L		85	75 - 125	0	30

Lab Sample ID: 670-56772-E-1 DU
Matrix: Water
Analysis Batch: 875975

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Sulfide	6.3		6.98		mg/L		11	30

Lab Sample ID: MB 680-876205/1
Matrix: Water
Analysis Batch: 876205

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<1.0		1.0	1.0	mg/L			02/18/25 12:44	1

Lab Sample ID: LCS 680-876205/2
Matrix: Water
Analysis Batch: 876205

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide			10.0	8.16		mg/L		82	75 - 125		

Lab Sample ID: LCSD 680-876205/3
Matrix: Water
Analysis Batch: 876205

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide			10.0	8.40		mg/L		84	75 - 125	3	30

Lab Sample ID: 680-261943-16 MS
Matrix: Water
Analysis Batch: 876205

Client Sample ID: WAN-WGWC-19
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide	<0.83		6.50	6.20		mg/L		95	75 - 125		

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

Job ID: 680-261943-1

Method: 4500 S2 F-2011 - Sulfide, Total

Lab Sample ID: 680-261943-16 MSD
Matrix: Water
Analysis Batch: 876205

Client Sample ID: WAN-WGWC-19
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	<0.83		6.50	6.20		mg/L		95	75 - 125	0	30

Lab Sample ID: 680-261943-14 DU
Matrix: Water
Analysis Batch: 876205

Client Sample ID: WAN-WGWC-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Sulfide	<0.89			<0.89		mg/L				NC	30

HPLC/IC

Analysis Batch: 876596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-1	WAN-WGWC-13	Total/NA	Water	300.0-1993 R2.1	
680-261943-2	WAN-WGWC-14A	Total/NA	Water	300.0-1993 R2.1	
680-261943-3	WAN-WGWC-16	Total/NA	Water	300.0-1993 R2.1	
680-261943-4	WAN-WGWC-20	Total/NA	Water	300.0-1993 R2.1	
680-261943-5	WAN-WGWC-22	Total/NA	Water	300.0-1993 R2.1	
680-261943-6	WAN-WGWC-25	Total/NA	Water	300.0-1993 R2.1	
680-261943-7	WAN-WGWC-27	Total/NA	Water	300.0-1993 R2.1	
MB 680-876596/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-876596/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-876596/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-261941-D-17 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-261941-D-17 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 876645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-10	WAN-WAMW-2	Total/NA	Water	300.0-1993 R2.1	
680-261943-12	WAN-AP1-FB-08	Total/NA	Water	300.0-1993 R2.1	
680-261943-13	WAN-AP1-EB-01	Total/NA	Water	300.0-1993 R2.1	
680-261943-14	WAN-WGWC-10	Total/NA	Water	300.0-1993 R2.1	
680-261943-15	WAN-WGWC-15	Total/NA	Water	300.0-1993 R2.1	
680-261943-16	WAN-WGWC-19	Total/NA	Water	300.0-1993 R2.1	
680-261943-17	WAN-WGWC-21	Total/NA	Water	300.0-1993 R2.1	
680-261943-18	WAN-WGWC-23	Total/NA	Water	300.0-1993 R2.1	
680-261943-20	WAN-PZ-26D	Total/NA	Water	300.0-1993 R2.1	
680-261943-21	WAN-PZ-31	Total/NA	Water	300.0-1993 R2.1	
680-261943-23	WAN-AP1-FB-09	Total/NA	Water	300.0-1993 R2.1	
680-261943-24	WAN-AP1-EB-02	Total/NA	Water	300.0-1993 R2.1	
680-261943-25	WAN-AP1-EB-03	Total/NA	Water	300.0-1993 R2.1	
MB 680-876645/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-876645/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-876645/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-261943-10 MS	WAN-WAMW-2	Total/NA	Water	300.0-1993 R2.1	
680-261943-10 MSD	WAN-WAMW-2	Total/NA	Water	300.0-1993 R2.1	
680-261943-21 MS	WAN-PZ-31	Total/NA	Water	300.0-1993 R2.1	
680-261943-21 MSD	WAN-PZ-31	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 876688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-8	WAN-WGWC-28D	Total/NA	Water	300.0-1993 R2.1	
680-261943-9	WAN-WAMW-1	Total/NA	Water	300.0-1993 R2.1	
680-261943-11	WAN-AP1-FD-02	Total/NA	Water	300.0-1993 R2.1	
680-261943-19	WAN-WGWC-24	Total/NA	Water	300.0-1993 R2.1	
680-261943-22	WAN-AP1-FD-03	Total/NA	Water	300.0-1993 R2.1	
MB 680-876688/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-876688/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-876688/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-261943-11 MS	WAN-AP1-FD-02	Total/NA	Water	300.0-1993 R2.1	
680-261943-11 MSD	WAN-AP1-FD-02	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 875904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-1	WAN-WGWC-13	Total Recoverable	Water	3005A	
680-261943-2	WAN-WGWC-14A	Total Recoverable	Water	3005A	
680-261943-3	WAN-WGWC-16	Total Recoverable	Water	3005A	
680-261943-4	WAN-WGWC-20	Total Recoverable	Water	3005A	
680-261943-5	WAN-WGWC-22	Total Recoverable	Water	3005A	
680-261943-7	WAN-WGWC-27	Total Recoverable	Water	3005A	
680-261943-8	WAN-WGWC-28D	Total Recoverable	Water	3005A	
680-261943-9	WAN-WAMW-1	Total Recoverable	Water	3005A	
680-261943-10	WAN-WAMW-2	Total Recoverable	Water	3005A	
680-261943-18	WAN-WGWC-23	Total Recoverable	Water	3005A	
680-261943-19	WAN-WGWC-24	Total Recoverable	Water	3005A	
680-261943-20	WAN-PZ-26D	Total Recoverable	Water	3005A	
680-261943-21	WAN-PZ-31	Total Recoverable	Water	3005A	
680-261943-22	WAN-AP1-FD-03	Total Recoverable	Water	3005A	
680-261943-23	WAN-AP1-FB-09	Total Recoverable	Water	3005A	
680-261943-24	WAN-AP1-EB-02	Total Recoverable	Water	3005A	
680-261943-25	WAN-AP1-EB-03	Total Recoverable	Water	3005A	
MB 680-875904/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-875904/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-186495-E-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
180-186495-E-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 875906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-6	WAN-WGWC-25	Total Recoverable	Water	3005A	
680-261943-11	WAN-AP1-FD-02	Total Recoverable	Water	3005A	
680-261943-12	WAN-AP1-FB-08	Total Recoverable	Water	3005A	
680-261943-13	WAN-AP1-EB-01	Total Recoverable	Water	3005A	
680-261943-14	WAN-WGWC-10	Total Recoverable	Water	3005A	
680-261943-15	WAN-WGWC-15	Total Recoverable	Water	3005A	
680-261943-16	WAN-WGWC-19	Total Recoverable	Water	3005A	
680-261943-17	WAN-WGWC-21	Total Recoverable	Water	3005A	
MB 680-875906/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-875906/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
752-29506-A-3-B MS	Matrix Spike	Total Recoverable	Water	3005A	
752-29506-A-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 876142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-6	WAN-WGWC-25	Total Recoverable	Water	6020B	875906
680-261943-11	WAN-AP1-FD-02	Total Recoverable	Water	6020B	875906
680-261943-12	WAN-AP1-FB-08	Total Recoverable	Water	6020B	875906
680-261943-13	WAN-AP1-EB-01	Total Recoverable	Water	6020B	875906
680-261943-14	WAN-WGWC-10	Total Recoverable	Water	6020B	875906
680-261943-15	WAN-WGWC-15	Total Recoverable	Water	6020B	875906
680-261943-16	WAN-WGWC-19	Total Recoverable	Water	6020B	875906
680-261943-17	WAN-WGWC-21	Total Recoverable	Water	6020B	875906
MB 680-875906/1-A	Method Blank	Total Recoverable	Water	6020B	875906
LCS 680-875906/2-A	Lab Control Sample	Total Recoverable	Water	6020B	875906
752-29506-A-3-B MS	Matrix Spike	Total Recoverable	Water	6020B	875906
752-29506-A-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	875906

Metals

Analysis Batch: 876267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-1	WAN-WGWC-13	Total Recoverable	Water	6020B	875904
680-261943-2	WAN-WGWC-14A	Total Recoverable	Water	6020B	875904
680-261943-3	WAN-WGWC-16	Total Recoverable	Water	6020B	875904
680-261943-4	WAN-WGWC-20	Total Recoverable	Water	6020B	875904
680-261943-5	WAN-WGWC-22	Total Recoverable	Water	6020B	875904
680-261943-6	WAN-WGWC-25	Total Recoverable	Water	6020B	875906
680-261943-7	WAN-WGWC-27	Total Recoverable	Water	6020B	875904
680-261943-8	WAN-WGWC-28D	Total Recoverable	Water	6020B	875904
680-261943-9	WAN-WAMW-1	Total Recoverable	Water	6020B	875904
680-261943-10	WAN-WAMW-2	Total Recoverable	Water	6020B	875904
680-261943-11	WAN-AP1-FD-02	Total Recoverable	Water	6020B	875906
680-261943-12	WAN-AP1-FB-08	Total Recoverable	Water	6020B	875906
680-261943-13	WAN-AP1-EB-01	Total Recoverable	Water	6020B	875906
680-261943-14	WAN-WGWC-10	Total Recoverable	Water	6020B	875906
680-261943-15	WAN-WGWC-15	Total Recoverable	Water	6020B	875906
680-261943-16	WAN-WGWC-19	Total Recoverable	Water	6020B	875906
680-261943-17	WAN-WGWC-21	Total Recoverable	Water	6020B	875906
680-261943-18	WAN-WGWC-23	Total Recoverable	Water	6020B	875904
680-261943-19	WAN-WGWC-24	Total Recoverable	Water	6020B	875904
680-261943-20	WAN-PZ-26D	Total Recoverable	Water	6020B	875904
680-261943-21	WAN-PZ-31	Total Recoverable	Water	6020B	875904
680-261943-22	WAN-AP1-FD-03	Total Recoverable	Water	6020B	875904
680-261943-23	WAN-AP1-FB-09	Total Recoverable	Water	6020B	875904
680-261943-24	WAN-AP1-EB-02	Total Recoverable	Water	6020B	875904
680-261943-25	WAN-AP1-EB-03	Total Recoverable	Water	6020B	875904
MB 680-875904/1-A	Method Blank	Total Recoverable	Water	6020B	875904
MB 680-875906/1-A	Method Blank	Total Recoverable	Water	6020B	875906
LCS 680-875904/2-A	Lab Control Sample	Total Recoverable	Water	6020B	875904
LCS 680-875906/2-A	Lab Control Sample	Total Recoverable	Water	6020B	875906
180-186495-E-1-B MS	Matrix Spike	Total Recoverable	Water	6020B	875904
180-186495-E-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	875904
752-29506-A-3-B MS	Matrix Spike	Total Recoverable	Water	6020B	875906
752-29506-A-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	875906

Analysis Batch: 876418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-1	WAN-WGWC-13	Total Recoverable	Water	6020B	875904
680-261943-2	WAN-WGWC-14A	Total Recoverable	Water	6020B	875904
680-261943-3	WAN-WGWC-16	Total Recoverable	Water	6020B	875904
680-261943-4	WAN-WGWC-20	Total Recoverable	Water	6020B	875904
680-261943-4	WAN-WGWC-20	Total Recoverable	Water	6020B	875904
680-261943-5	WAN-WGWC-22	Total Recoverable	Water	6020B	875904
680-261943-7	WAN-WGWC-27	Total Recoverable	Water	6020B	875904
680-261943-8	WAN-WGWC-28D	Total Recoverable	Water	6020B	875904
680-261943-8	WAN-WGWC-28D	Total Recoverable	Water	6020B	875904
680-261943-9	WAN-WAMW-1	Total Recoverable	Water	6020B	875904
680-261943-10	WAN-WAMW-2	Total Recoverable	Water	6020B	875904
680-261943-18	WAN-WGWC-23	Total Recoverable	Water	6020B	875904
680-261943-19	WAN-WGWC-24	Total Recoverable	Water	6020B	875904
680-261943-20	WAN-PZ-26D	Total Recoverable	Water	6020B	875904
680-261943-21	WAN-PZ-31	Total Recoverable	Water	6020B	875904

Metals (Continued)

Analysis Batch: 876418 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-22	WAN-AP1-FD-03	Total Recoverable	Water	6020B	875904
680-261943-23	WAN-AP1-FB-09	Total Recoverable	Water	6020B	875904
680-261943-24	WAN-AP1-EB-02	Total Recoverable	Water	6020B	875904
680-261943-25	WAN-AP1-EB-03	Total Recoverable	Water	6020B	875904
MB 680-875904/1-A	Method Blank	Total Recoverable	Water	6020B	875904
LCS 680-875904/2-A	Lab Control Sample	Total Recoverable	Water	6020B	875904
180-186495-E-1-B MS	Matrix Spike	Total Recoverable	Water	6020B	875904
180-186495-E-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	875904

Prep Batch: 876505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-1	WAN-WGWC-13	Total/NA	Water	7470A	
680-261943-2	WAN-WGWC-14A	Total/NA	Water	7470A	
MB 680-876505/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-876505/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-261844-B-11-C MS	Matrix Spike	Total/NA	Water	7470A	
680-261844-B-11-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 876558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-1	WAN-WGWC-13	Total/NA	Water	7470A	876505
680-261943-2	WAN-WGWC-14A	Total/NA	Water	7470A	876505
MB 680-876505/1-A	Method Blank	Total/NA	Water	7470A	876505
LCS 680-876505/2-A	Lab Control Sample	Total/NA	Water	7470A	876505
680-261844-B-11-C MS	Matrix Spike	Total/NA	Water	7470A	876505
680-261844-B-11-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	876505

Prep Batch: 876641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-3	WAN-WGWC-16	Total/NA	Water	7470A	
680-261943-4	WAN-WGWC-20	Total/NA	Water	7470A	
680-261943-5	WAN-WGWC-22	Total/NA	Water	7470A	
680-261943-6	WAN-WGWC-25	Total/NA	Water	7470A	
680-261943-7	WAN-WGWC-27	Total/NA	Water	7470A	
680-261943-8	WAN-WGWC-28D	Total/NA	Water	7470A	
680-261943-9	WAN-WAMW-1	Total/NA	Water	7470A	
MB 680-876641/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-876641/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-261943-3 MS	WAN-WGWC-16	Total/NA	Water	7470A	
680-261943-3 MSD	WAN-WGWC-16	Total/NA	Water	7470A	

Analysis Batch: 876741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-3	WAN-WGWC-16	Total/NA	Water	7470A	876641
680-261943-4	WAN-WGWC-20	Total/NA	Water	7470A	876641
680-261943-5	WAN-WGWC-22	Total/NA	Water	7470A	876641
680-261943-6	WAN-WGWC-25	Total/NA	Water	7470A	876641
680-261943-7	WAN-WGWC-27	Total/NA	Water	7470A	876641
680-261943-8	WAN-WGWC-28D	Total/NA	Water	7470A	876641
680-261943-9	WAN-WAMW-1	Total/NA	Water	7470A	876641
MB 680-876641/1-A	Method Blank	Total/NA	Water	7470A	876641

Metals (Continued)

Analysis Batch: 876741 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-876641/2-A	Lab Control Sample	Total/NA	Water	7470A	876641
680-261943-3 MS	WAN-WGWC-16	Total/NA	Water	7470A	876641
680-261943-3 MSD	WAN-WGWC-16	Total/NA	Water	7470A	876641

Prep Batch: 876812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-10	WAN-WAMW-2	Total/NA	Water	7470A	
680-261943-11	WAN-AP1-FD-02	Total/NA	Water	7470A	
680-261943-12	WAN-AP1-FB-08	Total/NA	Water	7470A	
680-261943-13	WAN-AP1-EB-01	Total/NA	Water	7470A	
680-261943-14	WAN-WGWC-10	Total/NA	Water	7470A	
680-261943-15	WAN-WGWC-15	Total/NA	Water	7470A	
680-261943-16	WAN-WGWC-19	Total/NA	Water	7470A	
680-261943-17	WAN-WGWC-21	Total/NA	Water	7470A	
MB 680-876812/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-876812/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-261943-17 MS	WAN-WGWC-21	Total/NA	Water	7470A	
680-261943-17 MSD	WAN-WGWC-21	Total/NA	Water	7470A	

Prep Batch: 876813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-18	WAN-WGWC-23	Total/NA	Water	7470A	
680-261943-19	WAN-WGWC-24	Total/NA	Water	7470A	
680-261943-20	WAN-PZ-26D	Total/NA	Water	7470A	
680-261943-21	WAN-PZ-31	Total/NA	Water	7470A	
680-261943-22	WAN-AP1-FD-03	Total/NA	Water	7470A	
680-261943-23	WAN-AP1-FB-09	Total/NA	Water	7470A	
680-261943-24	WAN-AP1-EB-02	Total/NA	Water	7470A	
680-261943-25	WAN-AP1-EB-03	Total/NA	Water	7470A	
MB 680-876813/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-876813/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-261943-25 MS	WAN-AP1-EB-03	Total/NA	Water	7470A	
680-261943-25 MSD	WAN-AP1-EB-03	Total/NA	Water	7470A	

Analysis Batch: 876960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-10	WAN-WAMW-2	Total/NA	Water	7470A	876812
680-261943-11	WAN-AP1-FD-02	Total/NA	Water	7470A	876812
680-261943-12	WAN-AP1-FB-08	Total/NA	Water	7470A	876812
680-261943-13	WAN-AP1-EB-01	Total/NA	Water	7470A	876812
680-261943-14	WAN-WGWC-10	Total/NA	Water	7470A	876812
680-261943-15	WAN-WGWC-15	Total/NA	Water	7470A	876812
680-261943-16	WAN-WGWC-19	Total/NA	Water	7470A	876812
680-261943-17	WAN-WGWC-21	Total/NA	Water	7470A	876812
680-261943-18	WAN-WGWC-23	Total/NA	Water	7470A	876813
680-261943-19	WAN-WGWC-24	Total/NA	Water	7470A	876813
680-261943-20	WAN-PZ-26D	Total/NA	Water	7470A	876813
680-261943-21	WAN-PZ-31	Total/NA	Water	7470A	876813
680-261943-22	WAN-AP1-FD-03	Total/NA	Water	7470A	876813
680-261943-23	WAN-AP1-FB-09	Total/NA	Water	7470A	876813
680-261943-24	WAN-AP1-EB-02	Total/NA	Water	7470A	876813

Metals (Continued)

Analysis Batch: 876960 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-25	WAN-AP1-EB-03	Total/NA	Water	7470A	876813
MB 680-876812/1-A	Method Blank	Total/NA	Water	7470A	876812
MB 680-876813/1-A	Method Blank	Total/NA	Water	7470A	876813
LCS 680-876812/2-A	Lab Control Sample	Total/NA	Water	7470A	876812
LCS 680-876813/2-A	Lab Control Sample	Total/NA	Water	7470A	876813
680-261943-17 MS	WAN-WGWC-21	Total/NA	Water	7470A	876812
680-261943-17 MSD	WAN-WGWC-21	Total/NA	Water	7470A	876812
680-261943-25 MS	WAN-AP1-EB-03	Total/NA	Water	7470A	876813
680-261943-25 MSD	WAN-AP1-EB-03	Total/NA	Water	7470A	876813

General Chemistry

Analysis Batch: 875975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-1	WAN-WGWC-13	Total/NA	Water	4500 S2 F-2011	
680-261943-2	WAN-WGWC-14A	Total/NA	Water	4500 S2 F-2011	
680-261943-3	WAN-WGWC-16	Total/NA	Water	4500 S2 F-2011	
680-261943-4	WAN-WGWC-20	Total/NA	Water	4500 S2 F-2011	
680-261943-5	WAN-WGWC-22	Total/NA	Water	4500 S2 F-2011	
680-261943-6	WAN-WGWC-25	Total/NA	Water	4500 S2 F-2011	
680-261943-7	WAN-WGWC-27	Total/NA	Water	4500 S2 F-2011	
680-261943-8	WAN-WGWC-28D	Total/NA	Water	4500 S2 F-2011	
680-261943-9	WAN-WAMW-1	Total/NA	Water	4500 S2 F-2011	
680-261943-10	WAN-WAMW-2	Total/NA	Water	4500 S2 F-2011	
680-261943-11	WAN-AP1-FD-02	Total/NA	Water	4500 S2 F-2011	
680-261943-12	WAN-AP1-FB-08	Total/NA	Water	4500 S2 F-2011	
680-261943-13	WAN-AP1-EB-01	Total/NA	Water	4500 S2 F-2011	
MB 680-875975/1	Method Blank	Total/NA	Water	4500 S2 F-2011	
LCS 680-875975/2	Lab Control Sample	Total/NA	Water	4500 S2 F-2011	
LCSD 680-875975/3	Lab Control Sample Dup	Total/NA	Water	4500 S2 F-2011	
680-261860-E-5 MS	Matrix Spike	Total/NA	Water	4500 S2 F-2011	
680-261860-E-5 MSD	Matrix Spike Duplicate	Total/NA	Water	4500 S2 F-2011	
670-56772-E-1 DU	Duplicate	Total/NA	Water	4500 S2 F-2011	

Analysis Batch: 876097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-1	WAN-WGWC-13	Total/NA	Water	2540C-2011	
680-261943-2	WAN-WGWC-14A	Total/NA	Water	2540C-2011	
MB 680-876097/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-876097/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-876097/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-261823-A-1 DU	Duplicate	Total/NA	Water	2540C-2011	

Analysis Batch: 876205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-14	WAN-WGWC-10	Total/NA	Water	4500 S2 F-2011	
680-261943-15	WAN-WGWC-15	Total/NA	Water	4500 S2 F-2011	
680-261943-16	WAN-WGWC-19	Total/NA	Water	4500 S2 F-2011	
680-261943-17	WAN-WGWC-21	Total/NA	Water	4500 S2 F-2011	
680-261943-18	WAN-WGWC-23	Total/NA	Water	4500 S2 F-2011	
680-261943-19	WAN-WGWC-24	Total/NA	Water	4500 S2 F-2011	

General Chemistry (Continued)

Analysis Batch: 876205 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-20	WAN-PZ-26D	Total/NA	Water	4500 S2 F-2011	
680-261943-21	WAN-PZ-31	Total/NA	Water	4500 S2 F-2011	
680-261943-22	WAN-AP1-FD-03	Total/NA	Water	4500 S2 F-2011	
680-261943-23	WAN-AP1-FB-09	Total/NA	Water	4500 S2 F-2011	
680-261943-24	WAN-AP1-EB-02	Total/NA	Water	4500 S2 F-2011	
680-261943-25	WAN-AP1-EB-03	Total/NA	Water	4500 S2 F-2011	
MB 680-876205/1	Method Blank	Total/NA	Water	4500 S2 F-2011	
LCS 680-876205/2	Lab Control Sample	Total/NA	Water	4500 S2 F-2011	
LCSD 680-876205/3	Lab Control Sample Dup	Total/NA	Water	4500 S2 F-2011	
680-261943-16 MS	WAN-WGWC-19	Total/NA	Water	4500 S2 F-2011	
680-261943-16 MSD	WAN-WGWC-19	Total/NA	Water	4500 S2 F-2011	
680-261943-14 DU	WAN-WGWC-10	Total/NA	Water	4500 S2 F-2011	

Analysis Batch: 876307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-1	WAN-WGWC-13	Total/NA	Water	2320B-2011	
680-261943-2	WAN-WGWC-14A	Total/NA	Water	2320B-2011	
680-261943-3	WAN-WGWC-16	Total/NA	Water	2320B-2011	
680-261943-4	WAN-WGWC-20	Total/NA	Water	2320B-2011	
680-261943-5	WAN-WGWC-22	Total/NA	Water	2320B-2011	
680-261943-6	WAN-WGWC-25	Total/NA	Water	2320B-2011	
680-261943-7	WAN-WGWC-27	Total/NA	Water	2320B-2011	
680-261943-8	WAN-WGWC-28D	Total/NA	Water	2320B-2011	
680-261943-9	WAN-WAMW-1	Total/NA	Water	2320B-2011	
680-261943-10	WAN-WAMW-2	Total/NA	Water	2320B-2011	
680-261943-11	WAN-AP1-FD-02	Total/NA	Water	2320B-2011	
680-261943-12	WAN-AP1-FB-08	Total/NA	Water	2320B-2011	
MB 680-876307/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-876307/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-876307/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-261943-9 DU	WAN-WAMW-1	Total/NA	Water	2320B-2011	

Analysis Batch: 876316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-3	WAN-WGWC-16	Total/NA	Water	2540C-2011	
680-261943-4	WAN-WGWC-20	Total/NA	Water	2540C-2011	
680-261943-5	WAN-WGWC-22	Total/NA	Water	2540C-2011	
680-261943-6	WAN-WGWC-25	Total/NA	Water	2540C-2011	
680-261943-7	WAN-WGWC-27	Total/NA	Water	2540C-2011	
680-261943-8	WAN-WGWC-28D	Total/NA	Water	2540C-2011	
680-261943-9	WAN-WAMW-1	Total/NA	Water	2540C-2011	
680-261943-10	WAN-WAMW-2	Total/NA	Water	2540C-2011	
680-261943-11	WAN-AP1-FD-02	Total/NA	Water	2540C-2011	
680-261943-12	WAN-AP1-FB-08	Total/NA	Water	2540C-2011	
680-261943-13	WAN-AP1-EB-01	Total/NA	Water	2540C-2011	
MB 680-876316/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-876316/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-876316/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-261943-4 DU	WAN-WGWC-20	Total/NA	Water	2540C-2011	

General Chemistry

Analysis Batch: 876411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-14	WAN-WGWC-10	Total/NA	Water	2540C-2011	
680-261943-15	WAN-WGWC-15	Total/NA	Water	2540C-2011	
680-261943-16	WAN-WGWC-19	Total/NA	Water	2540C-2011	
680-261943-17	WAN-WGWC-21	Total/NA	Water	2540C-2011	
680-261943-18	WAN-WGWC-23	Total/NA	Water	2540C-2011	
680-261943-19	WAN-WGWC-24	Total/NA	Water	2540C-2011	
680-261943-20	WAN-PZ-26D	Total/NA	Water	2540C-2011	
680-261943-21	WAN-PZ-31	Total/NA	Water	2540C-2011	
680-261943-22	WAN-AP1-FD-03	Total/NA	Water	2540C-2011	
680-261943-23	WAN-AP1-FB-09	Total/NA	Water	2540C-2011	
MB 680-876411/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-876411/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-876411/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-261943-17 DU	WAN-WGWC-21	Total/NA	Water	2540C-2011	

Analysis Batch: 876416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-24	WAN-AP1-EB-02	Total/NA	Water	2540C-2011	
680-261943-25	WAN-AP1-EB-03	Total/NA	Water	2540C-2011	
MB 680-876416/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-876416/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-876416/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-261988-C-1 DU	Duplicate	Total/NA	Water	2540C-2011	

Analysis Batch: 876836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-13	WAN-AP1-EB-01	Total/NA	Water	2320B-2011	
680-261943-14	WAN-WGWC-10	Total/NA	Water	2320B-2011	
680-261943-15	WAN-WGWC-15	Total/NA	Water	2320B-2011	
680-261943-16	WAN-WGWC-19	Total/NA	Water	2320B-2011	
680-261943-17	WAN-WGWC-21	Total/NA	Water	2320B-2011	
680-261943-18	WAN-WGWC-23	Total/NA	Water	2320B-2011	
680-261943-20	WAN-PZ-26D	Total/NA	Water	2320B-2011	
680-261943-21	WAN-PZ-31	Total/NA	Water	2320B-2011	
MB 680-876836/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-876836/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-876836/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-261941-C-10 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 876837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-19	WAN-WGWC-24	Total/NA	Water	2320B-2011	
680-261943-22	WAN-AP1-FD-03	Total/NA	Water	2320B-2011	
680-261943-23	WAN-AP1-FB-09	Total/NA	Water	2320B-2011	
680-261943-24	WAN-AP1-EB-02	Total/NA	Water	2320B-2011	
680-261943-25	WAN-AP1-EB-03	Total/NA	Water	2320B-2011	
MB 680-876837/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-876837/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-876837/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-261943-22 DU	WAN-AP1-FD-03	Total/NA	Water	2320B-2011	

Lab Chronicle

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

Job ID: 680-261943-1

Client Sample ID: WAN-WGWC-13

Lab Sample ID: 680-261943-1

Date Collected: 02/12/25 10:41

Matrix: Water

Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	876596	02/21/25 14:48	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 18:10	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 09:33	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876505	02/20/25 12:56	MG	EET SAV
Total/NA	Analysis	7470A		1			876558	02/20/25 17:27	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876307	02/18/25 14:12	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876097	02/18/25 07:09	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	310 mL	310 mL	875975	02/17/25 11:37	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: WAN-WGWC-14A

Lab Sample ID: 680-261943-2

Date Collected: 02/12/25 12:55

Matrix: Water

Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	876596	02/21/25 14:57	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 18:22	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 10:06	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876505	02/20/25 12:56	MG	EET SAV
Total/NA	Analysis	7470A		1			876558	02/20/25 17:29	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876307	02/18/25 14:26	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876097	02/18/25 07:09	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	300 mL	300 mL	875975	02/17/25 11:37	JAS	EET SAV
	Instrument ID: NoEquip									

Lab Chronicle

Client: Southern Company
Job ID: 680-261943-1
Project/Site: Plant Wansley - Ash Pond

Client Sample ID: WAN-WGWC-16
Lab Sample ID: 680-261943-3
Date Collected: 02/12/25 14:00
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	2 mL	2 mL	876596	02/21/25 15:05	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 18:26	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 10:09	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876641	02/21/25 12:45	MG	EET SAV
Total/NA	Analysis	7470A		1			876741	02/23/25 14:51	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876307	02/18/25 15:10	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876316	02/19/25 11:12	AS	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	300 mL	300 mL	875975	02/17/25 11:37	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: WAN-WGWC-20
Lab Sample ID: 680-261943-4
Date Collected: 02/12/25 13:59
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		25	2 mL	2 mL	876596	02/21/25 15:13	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 18:30	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		10			876418	02/19/25 09:41	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 10:11	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876641	02/21/25 12:45	MG	EET SAV
Total/NA	Analysis	7470A		1			876741	02/23/25 14:58	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876307	02/18/25 15:26	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	876316	02/19/25 11:12	AS	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	310 mL	310 mL	875975	02/17/25 11:37	JAS	EET SAV
	Instrument ID: NoEquip									

Lab Chronicle

Client: Southern Company
Job ID: 680-261943-1
Project/Site: Plant Wansley - Ash Pond

Client Sample ID: WAN-WGWC-22
Lab Sample ID: 680-261943-5
Date Collected: 02/12/25 13:52
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		2	2 mL	2 mL	876596	02/21/25 15:21	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 18:34	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 09:35	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876641	02/21/25 12:45	MG	EET SAV
Total/NA	Analysis	7470A		1			876741	02/23/25 15:00	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876307	02/18/25 15:34	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876316	02/19/25 11:12	AS	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	300 mL	300 mL	875975	02/17/25 11:37	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: WAN-WGWC-25
Lab Sample ID: 680-261943-6
Date Collected: 02/12/25 12:32
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	2 mL	2 mL	876596	02/21/25 15:29	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875906	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 16:45	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875906	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876142	02/17/25 14:24	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876641	02/21/25 12:45	MG	EET SAV
Total/NA	Analysis	7470A		1			876741	02/23/25 15:03	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876307	02/18/25 15:19	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876316	02/19/25 11:12	AS	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	300 mL	300 mL	875975	02/17/25 11:37	JAS	EET SAV
	Instrument ID: NoEquip									

Lab Chronicle

Client: Southern Company
Job ID: 680-261943-1
Project/Site: Plant Wansley - Ash Pond

Client Sample ID: WAN-WGWC-27
Lab Sample ID: 680-261943-7
Date Collected: 02/12/25 11:32
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		2	2 mL	2 mL	876596	02/21/25 15:38	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 18:02	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 10:01	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876641	02/21/25 12:45	MG	EET SAV
Total/NA	Analysis	7470A		1			876741	02/23/25 15:05	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876307	02/18/25 16:11	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876316	02/19/25 11:12	AS	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	300 mL	300 mL	875975	02/17/25 11:37	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: WAN-WGWC-28D
Lab Sample ID: 680-261943-8
Date Collected: 02/12/25 10:22
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		100	5 mL	5 mL	876688	02/22/25 13:13	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 18:06	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		10			876418	02/19/25 09:38	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 10:04	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876641	02/21/25 12:45	MG	EET SAV
Total/NA	Analysis	7470A		1			876741	02/23/25 15:12	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876307	02/18/25 15:43	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	25 mL	200 mL	876316	02/19/25 11:12	AS	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	250 mL	250 mL	875975	02/17/25 11:43	JAS	EET SAV
	Instrument ID: NoEquip									

Lab Chronicle

Client: Southern Company
Job ID: 680-261943-1
Project/Site: Plant Wansley - Ash Pond

Client Sample ID: WAN-WAMW-1
Lab Sample ID: 680-261943-9

Date Collected: 02/12/25 13:51
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	5 mL	5 mL	876688	02/22/25 13:23	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 17:54	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 09:56	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876641	02/21/25 12:45	MG	EET SAV
Total/NA	Analysis	7470A		1			876741	02/23/25 15:14	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876307	02/18/25 14:55	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876316	02/19/25 11:12	AS	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	310 mL	310 mL	875975	02/17/25 11:43	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: WAN-WAMW-2
Lab Sample ID: 680-261943-10

Date Collected: 02/12/25 11:24
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	876645	02/21/25 14:46	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 17:58	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 09:58	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876812	02/24/25 13:18	MG	EET SAV
Total/NA	Analysis	7470A		1			876960	02/25/25 12:35	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876307	02/18/25 16:02	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876316	02/19/25 11:12	AS	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	300 mL	300 mL	875975	02/17/25 11:43	JAS	EET SAV
	Instrument ID: NoEquip									

Lab Chronicle

Client: Southern Company
Job ID: 680-261943-1
Project/Site: Plant Wansley - Ash Pond

Client Sample ID: WAN-AP1-FD-02
Lab Sample ID: 680-261943-11
Date Collected: 02/12/25 00:00
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	876688	02/22/25 12:44	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	875906	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 16:24	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875906	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876142	02/17/25 14:17	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876812	02/24/25 13:18	MG	EET SAV
Total/NA	Analysis	7470A		1			876960	02/25/25 12:38	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876307	02/18/25 15:52	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876316	02/19/25 11:12	AS	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	300 mL	300 mL	875975	02/17/25 11:43	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: WAN-AP1-FB-08
Lab Sample ID: 680-261943-12
Date Collected: 02/12/25 14:20
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	876645	02/21/25 15:25	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	875906	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 16:36	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875906	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876142	02/17/25 14:19	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876812	02/24/25 13:18	MG	EET SAV
Total/NA	Analysis	7470A		1			876960	02/25/25 12:14	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876307	02/18/25 14:18	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876316	02/19/25 11:12	AS	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	300 mL	300 mL	875975	02/17/25 11:43	JAS	EET SAV
	Instrument ID: NoEquip									

Lab Chronicle

Client: Southern Company
Job ID: 680-261943-1
Project/Site: Plant Wansley - Ash Pond

Client Sample ID: WAN-AP1-EB-01
Lab Sample ID: 680-261943-13
Date Collected: 02/12/25 10:15
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	876645	02/21/25 15:35	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	875906	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 16:41	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875906	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876142	02/17/25 14:22	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876812	02/24/25 13:18	MG	EET SAV
Total/NA	Analysis	7470A		1			876960	02/25/25 12:12	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876836	02/21/25 21:50	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876316	02/19/25 11:12	AS	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	300 mL	300 mL	875975	02/17/25 11:43	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: WAN-WGWC-10
Lab Sample ID: 680-261943-14
Date Collected: 02/13/25 10:25
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	876645	02/21/25 15:44	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	875906	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 16:20	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875906	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876142	02/17/25 14:14	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876812	02/24/25 13:18	MG	EET SAV
Total/NA	Analysis	7470A		1			876960	02/25/25 12:05	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876836	02/21/25 21:58	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876411	02/20/25 06:33	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	280 mL	280 mL	876205	02/18/25 12:44	JAS	EET SAV
	Instrument ID: NoEquip									

Lab Chronicle

Client: Southern Company
Job ID: 680-261943-1
Project/Site: Plant Wansley - Ash Pond

Client Sample ID: WAN-WGWC-15
Lab Sample ID: 680-261943-15

Date Collected: 02/13/25 11:40
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	876645	02/21/25 15:54	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	875906	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 16:16	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875906	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876142	02/17/25 14:12	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876812	02/24/25 13:18	MG	EET SAV
Total/NA	Analysis	7470A		1			876960	02/25/25 11:51	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876836	02/21/25 22:07	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876411	02/20/25 06:33	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	300 mL	300 mL	876205	02/18/25 12:44	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: WAN-WGWC-19
Lab Sample ID: 680-261943-16

Date Collected: 02/13/25 09:45
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	876645	02/21/25 16:04	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	875906	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 16:12	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875906	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876142	02/17/25 14:09	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876812	02/24/25 13:18	MG	EET SAV
Total/NA	Analysis	7470A		1			876960	02/25/25 12:07	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876836	02/21/25 22:23	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876411	02/20/25 06:33	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	300 mL	300 mL	876205	02/18/25 12:44	JAS	EET SAV
	Instrument ID: NoEquip									

Lab Chronicle

Client: Southern Company
Job ID: 680-261943-1
Project/Site: Plant Wansley - Ash Pond

Client Sample ID: WAN-WGWC-21
Lab Sample ID: 680-261943-17
Date Collected: 02/13/25 12:08
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		10	5 mL	5 mL	876645	02/21/25 16:14	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	875906	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 16:08	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875906	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876142	02/17/25 13:59	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876812	02/24/25 13:18	MG	EET SAV
Total/NA	Analysis	7470A		1			876960	02/25/25 11:44	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876836	02/21/25 22:42	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	876411	02/20/25 06:33	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	300 mL	300 mL	876205	02/18/25 12:44	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: WAN-WGWC-23
Lab Sample ID: 680-261943-18
Date Collected: 02/13/25 16:35
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	876645	02/21/25 16:24	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 18:46	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 10:27	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876813	02/24/25 13:19	MG	EET SAV
Total/NA	Analysis	7470A		1			876960	02/25/25 10:45	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876836	02/21/25 22:33	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876411	02/20/25 06:33	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	280 mL	280 mL	876205	02/18/25 12:44	JAS	EET SAV
	Instrument ID: NoEquip									

Lab Chronicle

Client: Southern Company
Job ID: 680-261943-1
Project/Site: Plant Wansley - Ash Pond

Client Sample ID: WAN-WGWC-24
Lab Sample ID: 680-261943-19

Date Collected: 02/13/25 12:11
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	5 mL	5 mL	876688	02/22/25 13:32	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 18:50	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 10:29	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876813	02/24/25 13:19	MG	EET SAV
Total/NA	Analysis	7470A		1			876960	02/25/25 11:08	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876837	02/22/25 01:24	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876411	02/20/25 06:33	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	300 mL	300 mL	876205	02/18/25 12:44	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: WAN-PZ-26D
Lab Sample ID: 680-261943-20

Date Collected: 02/13/25 13:20
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		2	5 mL	5 mL	876645	02/21/25 17:32	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 18:54	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 10:32	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876813	02/24/25 13:19	MG	EET SAV
Total/NA	Analysis	7470A		1			876960	02/25/25 10:52	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876836	02/21/25 22:49	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876411	02/20/25 06:33	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	280 mL	280 mL	876205	02/18/25 12:44	JAS	EET SAV
	Instrument ID: NoEquip									

Lab Chronicle

Client: Southern Company
Job ID: 680-261943-1
Project/Site: Plant Wansley - Ash Pond

Client Sample ID: WAN-PZ-31
Lab Sample ID: 680-261943-21
Date Collected: 02/13/25 13:15
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	876645	02/21/25 17:03	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 18:38	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 10:19	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876813	02/24/25 13:19	MG	EET SAV
Total/NA	Analysis	7470A		1			876960	02/25/25 10:47	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876836	02/21/25 23:11	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876411	02/20/25 06:33	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	300 mL	300 mL	876205	02/18/25 12:44	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: WAN-AP1-FD-03
Lab Sample ID: 680-261943-22
Date Collected: 02/13/25 00:00
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	876688	02/22/25 13:42	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 18:42	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 10:22	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876813	02/24/25 13:19	MG	EET SAV
Total/NA	Analysis	7470A		1			876960	02/25/25 10:50	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876837	02/22/25 00:57	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876411	02/20/25 06:33	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	300 mL	300 mL	876205	02/18/25 12:44	JAS	EET SAV
	Instrument ID: NoEquip									

Lab Chronicle

Client: Southern Company
Job ID: 680-261943-1
Project/Site: Plant Wansley - Ash Pond

Client Sample ID: WAN-AP1-FB-09
Lab Sample ID: 680-261943-23
Date Collected: 02/13/25 13:40
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	876645	02/21/25 17:51	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 18:59	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 10:34	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876813	02/24/25 13:19	MG	EET SAV
Total/NA	Analysis	7470A		1			876960	02/25/25 11:06	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876837	02/22/25 01:12	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876411	02/20/25 06:33	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	300 mL	300 mL	876205	02/18/25 12:44	JAS	EET SAV
	Instrument ID: NoEquip									

Client Sample ID: WAN-AP1-EB-02
Lab Sample ID: 680-261943-24
Date Collected: 02/13/25 11:05
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	876645	02/21/25 18:01	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 19:11	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 10:37	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876813	02/24/25 13:19	MG	EET SAV
Total/NA	Analysis	7470A		1			876960	02/25/25 10:54	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876837	02/22/25 01:29	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876416	02/20/25 07:49	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	300 mL	300 mL	876205	02/18/25 12:44	JAS	EET SAV
	Instrument ID: NoEquip									

Lab Chronicle

Client: Southern Company
Job ID: 680-261943-1
Project/Site: Plant Wansley - Ash Pond

Client Sample ID: WAN-AP1-EB-03
Lab Sample ID: 680-261943-25
Date Collected: 02/13/25 13:00
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	876645	02/21/25 18:11	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876267	02/18/25 19:15	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	875904	02/17/25 06:11	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 10:40	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876813	02/24/25 13:19	MG	EET SAV
Total/NA	Analysis	7470A		1			876960	02/25/25 10:38	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876837	02/22/25 01:18	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876416	02/20/25 07:49	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	300 mL	300 mL	876205	02/18/25 12:44	JAS	EET SAV
	Instrument ID: NoEquip									

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-261943-1
Project/Site: Plant Wansley - Ash Pond

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

Method Summary

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

Job ID: 680-261943-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
4500 S2 F-2011	Sulfide, Total	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

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:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Test[illegible]merica, Savannah
5102 LaRoche Ave.
Savannah, GA 31404
Phone (912) 354-7858 Fax (912) 352-0165

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: T. Gobie, ACC d. Johnson, J. May	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone:	E-Mail: david.fuller@et.eurofinsus.com		Page: 1 of 3
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:	Analysis Requested		
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 68027766			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004			
Project Name: Plant Wansley Ash Pond	Project #:			
Site:	SSOW#:			

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

Task_Code: WAN-CCR-ASSMT-2025S1

Special Instructions/Note: Full APP III and APP IV

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)	App III Metals: B, Ca	Cl, F, SO & TDS (EPA 300 & SM 2540C)	App IV Metals (EPA 6020/7470): Sb,As,Ba,Be,Cd,Cr,Co,Pb,Li,Hg,Mo,Se,Tl	Radium 226 & 228 (SW-846 9315/9320)	Major Ions - Carbonate, Bicarbonate, Total Alkalinity	Major Ions - Sulfide	Major Ions - Iron, Magnesium, Manganese, Potassium, Sodium	Total Number of containers	
			Preservation Code:				D	I	D	D	I	B, C	D		
WAN- WGWC-13	02/12/25	1041	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8	
WAN- WGWC-14A	02/12/25	1255	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8	
WAN- WGWC-16	02/12/25	1400	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8	22664
WAN- WGWC-20	02/12/25	1359	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8	
WAN- WGWC-22	02/12/25	1352	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8	
WAN- WGWC-25	02/12/25	1232	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8	
WAN- WGWC-27	02/12/25	1132	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8	
WAN- WGWC-28D	02/12/25	1022	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8	
WAN- WAMW-1	02/12/25	1351	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8	
WAN- WA MW-2	02/12/25	1124	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8	
WAN- API-FD-02	02/12/25	—	G	WG		N	✓	✓	✓	✓	✓	✓	✓	9	

680-261943 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: 02-14-25 1322	Company ACC	Received by: Date/Time: 2/14/25 13:22 Company
Relinquished by:	Date/Time: 2/14/25	Company	Received by: Date/Time: 2/15/25 1020 Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time: 3.3/3.3 0.6/0.6 Company

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

Cooler Temperature(s) °C and Other Remarks: 1.4, 1.6, 1.3, 2.5, 1.3, 1.2, 1.0, 1.6, 1.5 #2665

Ver: 01/16/2019

Eurofins Test America, Savannah
5102 LaRoche Ave
Savannah, GA 31404
Phone (912) 354-7858 Fax (912) 352-0165

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: T. Goble, ACC D. Johnson, J. May	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone:	E-Mail: david.fuller@et.eurofinsus.com		Page: 20 of 3
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 #: 68027766			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004			
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-2025S1

Special Instructions/Note: Full APP III and APP IV

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)	App III Metals: B, Ca	Cl, F, SO & TDS (EPA 300 & SM 2540C)	App IV Metals (EPA 6020/7470): Sb,As,Ba,Be,Cd,Cr,Co,Pb,Li,Hg,Mo,Se,Tl	Radium 226 & 228 (SW-846 9315/9320)	Major Ions - Carbonate, Bicarbonate, Total Alkalinity	Major Ions - Sulfide	Major Ions - Iron, Magnesium, Manganese, Potassium, Sodium	Total Number of containers	
			Preservation Code:				D	I	D	D	I	B, C	D		
WAN- API-FB-08	02/12/25	1420	G	WQ		N	✓	✓	✓	✓	✓	✓	✓	8	
WAN- API-EB-01	02/12/25	1015	G	WQ		N	✓	✓	✓	✓	✓	✓	✓	8	
WAN- WGWC-10	02/13/25	1025	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8	21264
WAN- WGWC-15	02/13/25	1140	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8	
WAN- WGWC-19	02/13/25	0945	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8	
WAN- ~~SW~~ WGWC-21	02/13/25	1208	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8	
WAN- WGWC-23	02/13/25	1635	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8	
WAN- WGWC-24	02/13/25	1211	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8	
WAN- PZ-26D	02/13/25	1320	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8	
WAN- PZ-31	02/13/25	1315	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8	
WAN- API-FD-03	02/13/25	—	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8	

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
1		02-14-25 1322	ACC	ACC	2/14/25 13:22	
2		2/14/25			2/15/25 1020	
3				4.1/4.1	~~2.3/3.3~~ 0.	3.6/3.6

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

Cooler Temperature(s) °C and Other Remarks: 1.4, 1.6, 1.3, 2.5, 1.3, 1.2, 1.0, 1.6, 1.5 #2665

Ver: 01/16/2019

Eurofins Test[illegible]merica, Savannah
5102 LaRoche Ave.
Savannah, GA 31404
Phone (912) 354-7858 Fax (912) 352-0165

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: ACC D. Johnson, J. Moxy, J. Gobit	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone:	E-Mail: david.fuller@et.eurofinsus.com		Page: 3 of 3
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 #: 68027766			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004			
Project Name: Plant Wansley Ash Pond	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Task_Code: WAN-CCR-ASSMT-2025S1

Special Instructions/Note: Full APP III and APP IV

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)	App III Metals: B, Ca	Cl, F, SO & TDS (EPA 300 & SM 2540C)	App IV Metals (EPA 6020/7470): Sb,As,Ba,Be,Cd,Cr,Co,Pb,Li,Hg,Mo,Se,Tl	Radium 226 & 228 (SW-846 9315/9320)	Major Ions - Carbonate, Bicarbonate, Total Alkalinity	Major Ions - Sulfide	Major Ions - Iron, Magnesium, Manganese, Potassium, Sodium	Total Number of containers	
			Preservation Code:				D	I	D	D	I	B, C	D		
WAN- API-FB-09	02/13/25	1340	G	WQ		N	✓	✓	✓	✓	✓	✓	✓	8	
WAN- API-EB-02	02/13/25	1105	G	WQ		N	✓	✓	✓	✓	✓	✓	✓	8	
WAN- API-EB-03	02/13/25	1300	G	WQ		N	✓	✓	✓	✓	✓	✓	✓	8	212 64
WAN-			G			N									
WAN-			G			N									
WAN-			G			N									
WAN-			G			N									
WAN-			G			N									
WAN-			G			N									
WAN-			G			N									
WAN-			G			N									

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

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

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

Special Instructions/QC Requirements:

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

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	02-14-25 1322	ACC		2/14/25 1322	
Relinquished by:	2/15/25			2/15/25 1020	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2.7/2.7	Company

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

Cooler Temperature(s) °C and Other Remarks: 1.4, 1.6, 1.3, 2.5, 1.3, 1.2, 1.0, 1.6, 1.5 IR-2005

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

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: 680-794409 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 #: 680-261943-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/3/2025			
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 #: 68027766			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:

Other: N/A

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)	9320_Ra228/PrecSep_0 Radium 228	9315_Ra226/PrecSep_21 Radium 226	Ra226Ra228_GFPC/ Combined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
WAN-WGWC-13 (680-261943-1)	2/12/25	10:41 Eastern	G	Water			X	X	X	2	
WAN-WGWC-14A (680-261943-2)	2/12/25	12:55 Eastern	G	Water			X	X	X	2	
WAN-WGWC-16 (680-261943-3)	2/12/25	14:00 Eastern	G	Water			X	X	X	2	
WAN-WGWC-20 (680-261943-4)	2/12/25	13:59 Eastern	G	Water			X	X	X	2	
WAN-WGWC-22 (680-261943-5)	2/12/25	13:52 Eastern	G	Water			X	X	X	2	
WAN-WGWC-25 (680-261943-6)	2/12/25	12:32 Eastern	G	Water			X	X	X	2	
WAN-WGWC-27 (680-261943-7)	2/12/25	11:32 Eastern	G	Water			X	X	X	2	
WAN-WGWC-28D (680-261943-8)	2/12/25	10:22 Eastern	G	Water			X	X	X	2	
WAN-WAMW-1 (680-261943-9)	2/12/25	13:51 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: C. Munno	Date/Time: 2/17/25 0900	Company: Eurofins	Received by: M. Pinette	Date/Time: FEB 18 2025 1105	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:

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

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: 680-794409.2
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 #: 680-261943-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/3/2025			
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 #: 68027766			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:
-
Other: N/A

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)	9320_Ra228/PrecSep_0 Radium 228	9315_Ra226/PrecSep_21 Radium 226	Ra226Ra228_GFPC/ Combined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
WAN-WAMW-2 (680-261943-10)	2/12/25	11:24 Eastern	G	Water			X	X	X	2	
WAN-AP1-FD-02 (680-261943-11)	2/12/25	Eastern	G	Water			X	X	X	2	
WAN-AP1-FB-08 (680-261943-12)	2/12/25	14:20 Eastern	G	Water			X	X	X	2	
WAN-AP1-EB-01 (680-261943-13)	2/12/25	10:15 Eastern	G	Water			X	X	X	2	
WAN-WGWC-10 (680-261943-14)	2/13/25	10:25 Eastern	G	Water			X	X	X	2	
WAN-WGWC-15 (680-261943-15)	2/13/25	11:40 Eastern	G	Water			X	X	X	2	
WAN-WGWC-19 (680-261943-16)	2/13/25	09:45 Eastern	G	Water			X	X	X	2	
WAN-WGWC-21 (680-261943-17)	2/13/25	12:08 Eastern	G	Water			X	X	X	2	
WAN-WGWC-23 (680-261943-18)	2/13/25	16:35 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
1	C. Munno	2/17/25 0900	Eurofins S	M. Pinette	FEB 18 2025 1105	
2	Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

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: 680-794409.3
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 #: 680-261943-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/3/2025			
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 #: 68027766			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:

Other: N/A

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)	9320_Ra228/PrecSep_0 Radium 228	9315_Ra226/PrecSep_21 Radium 226	Ra226Ra228_GFPC/ Combined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
WAN-WGWC-24 (680-261943-19)	2/13/25	12:11 Eastern	G	Water			X	X	X	2	
WAN-PZ-26D (680-261943-20)	2/13/25	13:20 Eastern	G	Water			X	X	X	2	
WAN-PZ-31 (680-261943-21)	2/13/25	13:15 Eastern	G	Water			X	X	X	2	
WAN-AP1-FD-03 (680-261943-22)	2/13/25	Eastern	G	Water			X	X	X	2	
WAN-AP1-FB-09 (680-261943-23)	2/13/25	13:40 Eastern	G	Water			X	X	X	2	
WAN-AP1-EB-02 (680-261943-24)	2/13/25	11:05 Eastern	G	Water			X	X	X	2	
WAN-AP1-EB-03 (680-261943-25)	2/13/25	13:00 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
1	C. Mmmo	2/17/25 0900	Eurofins	M. Pinette	FEB 18 2025 1105	
2	Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-261943-1

Login Number: 261943

List Source: Eurofins Savannah

List Number: 1

Creator: Faught, Timothy

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

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

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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 3/4/2025 2:06:58 PM

JOB DESCRIPTION

Plant Wansley - Ash Pond

JOB NUMBER

680-261943-2

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

myEOL

Job Notes

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

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

Authorization



Generated
3/4/2025 2:06:58 PM

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

Definitions/Glossary

Client: Southern Company
Job ID: 680-261943-2
Project/Site: Plant Wansley - Ash Pond

Qualifiers

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

Glossary

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

Sample Summary

Client: Southern Company
Job ID: 680-261943-2
Project/Site: Plant Wansley - Ash Pond

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-261943-6	WAN-WGWC-25	Water	02/12/25 12:32	02/15/25 10:20
680-261943-18	WAN-WGWC-23	Water	02/13/25 16:35	02/15/25 10:20

Job ID: 680-261943-2 — Eurofins Savannah

Job Narrative
680-261943-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 2/15/2025 10:20 AM. 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 0.6°C, 1.9°C, 2.7°C, 3.3°C, 3.6°C and 4.1°C.

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

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

Job ID: 680-261943-2

Client Sample ID: WAN-WGWC-25

Lab Sample ID: 680-261943-6

Date Collected: 02/12/25 12:32
Matrix: Water
Date Received: 02/15/25 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:26	02/17/25 22:09	1
Arsenic, Dissolved	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:26	02/17/25 22:09	1
Barium, Dissolved	**0.18**		0.010	0.00089	mg/L		02/17/25 06:26	02/17/25 22:09	1
Beryllium, Dissolved	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:26	02/17/25 22:09	1
Boron, Dissolved	**0.36**		0.080	0.022	mg/L		02/17/25 06:26	02/17/25 22:09	1
Cadmium, Dissolved	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:26	02/17/25 22:09	1
Calcium, Dissolved	**29**		0.50	0.14	mg/L		02/17/25 06:26	02/17/25 22:09	1
Chromium, Dissolved	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:26	02/17/25 22:09	1
Cobalt, Dissolved	**0.0088**		0.0025	0.00022	mg/L		02/17/25 06:26	02/17/25 22:09	1
Lead, Dissolved	**0.00023**	**J**	0.0010	0.00021	mg/L		02/17/25 06:26	02/17/25 22:09	1
Lithium, Dissolved	<0.0020		0.0050	0.0020	mg/L		02/17/25 06:26	02/17/25 22:09	1
Molybdenum, Dissolved	<0.00086		0.015	0.00086	mg/L		02/17/25 06:26	02/17/25 22:09	1
Selenium, Dissolved	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:26	02/17/25 22:09	1
Thallium, Dissolved	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:26	02/17/25 22:09	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	<0.000080		0.00020	0.000080	mg/L		03/03/25 13:30	03/03/25 19:25	1

Client Sample ID: WAN-WGWC-23

Lab Sample ID: 680-261943-18

Date Collected: 02/13/25 16:35
Matrix: Water
Date Received: 02/15/25 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:26	02/17/25 22:17	1
Arsenic, Dissolved	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:26	02/17/25 22:17	1
Barium, Dissolved	**0.0074**	**J**	0.010	0.00089	mg/L		02/17/25 06:26	02/17/25 22:17	1
Beryllium, Dissolved	**0.00064**	**J**	0.0025	0.00020	mg/L		02/17/25 06:26	02/17/25 22:17	1
Boron, Dissolved	<0.022		0.080	0.022	mg/L		02/17/25 06:26	02/17/25 22:17	1
Cadmium, Dissolved	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:26	02/17/25 22:17	1
Calcium, Dissolved	**2.5**		0.50	0.14	mg/L		02/17/25 06:26	02/17/25 22:17	1
Chromium, Dissolved	**0.0012**	**J**	0.0020	0.0012	mg/L		02/17/25 06:26	02/17/25 22:17	1
Cobalt, Dissolved	<0.00022		0.0025	0.00022	mg/L		02/17/25 06:26	02/17/25 22:17	1
Lead, Dissolved	**0.00092**	**J**	0.0010	0.00021	mg/L		02/17/25 06:26	02/17/25 22:17	1
Lithium, Dissolved	<0.0020		0.0050	0.0020	mg/L		02/17/25 06:26	02/17/25 22:17	1
Molybdenum, Dissolved	<0.00086		0.015	0.00086	mg/L		02/17/25 06:26	02/17/25 22:17	1
Selenium, Dissolved	**0.0031**	**J**	0.0050	0.00099	mg/L		02/17/25 06:26	02/17/25 22:17	1
Thallium, Dissolved	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:26	02/17/25 22:17	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	<0.000080		0.00020	0.000080	mg/L		03/03/25 13:30	03/03/25 19:27	1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-875907/1-A
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 875907

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	<0.00034		0.0020	0.00034	mg/L		02/17/25 06:26	02/17/25 21:48	1
Arsenic, Dissolved	<0.00086		0.0010	0.00086	mg/L		02/17/25 06:26	02/17/25 21:48	1
Barium, Dissolved	<0.00089		0.010	0.00089	mg/L		02/17/25 06:26	02/17/25 21:48	1
Beryllium, Dissolved	<0.00020		0.0025	0.00020	mg/L		02/17/25 06:26	02/17/25 21:48	1
Boron, Dissolved	<0.022		0.080	0.022	mg/L		02/17/25 06:26	02/17/25 21:48	1
Cadmium, Dissolved	<0.000078		0.0025	0.000078	mg/L		02/17/25 06:26	02/17/25 21:48	1
Calcium, Dissolved	<0.14		0.50	0.14	mg/L		02/17/25 06:26	02/17/25 21:48	1
Chromium, Dissolved	<0.0012		0.0020	0.0012	mg/L		02/17/25 06:26	02/17/25 21:48	1
Cobalt, Dissolved	<0.00022		0.0025	0.00022	mg/L		02/17/25 06:26	02/17/25 21:48	1
Lead, Dissolved	<0.00021		0.0010	0.00021	mg/L		02/17/25 06:26	02/17/25 21:48	1
Lithium, Dissolved	<0.0020		0.0050	0.0020	mg/L		02/17/25 06:26	02/17/25 21:48	1
Molybdenum, Dissolved	<0.00086		0.015	0.00086	mg/L		02/17/25 06:26	02/17/25 21:48	1
Selenium, Dissolved	<0.00099		0.0050	0.00099	mg/L		02/17/25 06:26	02/17/25 21:48	1
Thallium, Dissolved	<0.00026		0.0010	0.00026	mg/L		02/17/25 06:26	02/17/25 21:48	1

Lab Sample ID: LCS 680-875907/2-A
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 875907

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony, Dissolved	0.0500	0.0491		mg/L		98	80 - 120
Arsenic, Dissolved	0.100	0.101		mg/L		101	80 - 120
Barium, Dissolved	0.100	0.0984		mg/L		98	80 - 120
Beryllium, Dissolved	0.0500	0.0490		mg/L		98	80 - 120
Boron, Dissolved	0.400	0.390		mg/L		97	80 - 120
Cadmium, Dissolved	0.0500	0.0495		mg/L		99	80 - 120
Calcium, Dissolved	5.00	5.06		mg/L		101	80 - 120
Chromium, Dissolved	0.100	0.101		mg/L		101	80 - 120
Cobalt, Dissolved	0.0500	0.0513		mg/L		103	80 - 120
Lead, Dissolved	0.500	0.519		mg/L		104	80 - 120
Lithium, Dissolved	0.500	0.491		mg/L		98	80 - 120
Molybdenum, Dissolved	0.100	0.106		mg/L		106	80 - 120
Selenium, Dissolved	0.100	0.104		mg/L		104	80 - 120
Thallium, Dissolved	0.0500	0.0472		mg/L		94	80 - 120

Lab Sample ID: 180-186495-H-2-B MS
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 875907

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony, Dissolved	<0.00034		0.0500	0.0502		mg/L		100	75 - 125
Arsenic, Dissolved	0.13		0.100	0.219		mg/L		94	75 - 125
Barium, Dissolved	0.023		0.100	0.122		mg/L		99	75 - 125
Beryllium, Dissolved	<0.00020		0.0500	0.0511		mg/L		102	75 - 125
Boron, Dissolved	0.075	J	0.400	0.457		mg/L		95	75 - 125
Cadmium, Dissolved	<0.000078		0.0500	0.0501		mg/L		100	75 - 125
Calcium, Dissolved	33		5.00	36.4	4	mg/L		75	75 - 125
Chromium, Dissolved	<0.0012		0.100	0.104		mg/L		104	75 - 125
Cobalt, Dissolved	<0.00022		0.0500	0.0528		mg/L		106	75 - 125

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

Lab Sample ID: 180-186495-H-2-B MS
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 875907

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead, Dissolved	<0.00021		0.500	0.530		mg/L		106	75 - 125
Lithium, Dissolved	<0.0020		0.500	0.470		mg/L		94	75 - 125
Molybdenum, Dissolved	<0.00086		0.100	0.111		mg/L		111	75 - 125
Selenium, Dissolved	<0.00099		0.100	0.0909		mg/L		91	75 - 125
Thallium, Dissolved	<0.00026		0.0500	0.0490		mg/L		98	75 - 125

Lab Sample ID: 180-186495-H-2-C MSD
Matrix: Water
Analysis Batch: 876144

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved
Prep Batch: 875907

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony, Dissolved	<0.00034		0.0500	0.0519		mg/L		104	75 - 125	3	20
Arsenic, Dissolved	0.13		0.100	0.224		mg/L		99	75 - 125	2	20
Barium, Dissolved	0.023		0.100	0.125		mg/L		102	75 - 125	2	20
Beryllium, Dissolved	<0.00020		0.0500	0.0502		mg/L		100	75 - 125	2	20
Boron, Dissolved	0.075	J	0.400	0.476		mg/L		100	75 - 125	4	20
Cadmium, Dissolved	<0.000078		0.0500	0.0517		mg/L		103	75 - 125	3	20
Calcium, Dissolved	33		5.00	37.4	4	mg/L		96	75 - 125	3	20
Chromium, Dissolved	<0.0012		0.100	0.109		mg/L		109	75 - 125	5	20
Cobalt, Dissolved	<0.00022		0.0500	0.0535		mg/L		107	75 - 125	1	20
Lead, Dissolved	<0.00021		0.500	0.533		mg/L		107	75 - 125	1	20
Lithium, Dissolved	<0.0020		0.500	0.499		mg/L		100	75 - 125	6	20
Molybdenum, Dissolved	<0.00086		0.100	0.113		mg/L		113	75 - 125	2	20
Selenium, Dissolved	<0.00099		0.100	0.0917		mg/L		92	75 - 125	1	20
Thallium, Dissolved	<0.00026		0.0500	0.0487		mg/L		97	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-877582/1-A
Matrix: Water
Analysis Batch: 877703

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 877582

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	<0.000080		0.00020	0.000080	mg/L		03/03/25 13:30	03/03/25 18:23	1

Lab Sample ID: LCS 680-877582/2-A
Matrix: Water
Analysis Batch: 877703

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 877582

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury, Dissolved	0.00250	0.00259		mg/L		104	80 - 120

Lab Sample ID: 400-271158-B-1-C MS
Matrix: Water
Analysis Batch: 877703

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 877582

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury, Dissolved	<0.000080		0.00100	0.000977		mg/L		98	80 - 120

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

Job ID: 680-261943-2

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 400-271158-B-1-D MSD
Matrix: Water
Analysis Batch: 877703

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 877582

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury, Dissolved	<0.000080		0.00100	0.000976		mg/L		98	80 - 120	0	20

QC Association Summary

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

Job ID: 680-261943-2

Metals

Prep Batch: 875907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-6	WAN-WGWC-25	Dissolved	Water	3005A	
680-261943-18	WAN-WGWC-23	Dissolved	Water	3005A	
MB 680-875907/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-875907/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-186495-H-2-B MS	Matrix Spike	Dissolved	Water	3005A	
180-186495-H-2-C MSD	Matrix Spike Duplicate	Dissolved	Water	3005A	

Analysis Batch: 876144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-6	WAN-WGWC-25	Dissolved	Water	6020B	875907
680-261943-18	WAN-WGWC-23	Dissolved	Water	6020B	875907
MB 680-875907/1-A	Method Blank	Total Recoverable	Water	6020B	875907
LCS 680-875907/2-A	Lab Control Sample	Total Recoverable	Water	6020B	875907
180-186495-H-2-B MS	Matrix Spike	Dissolved	Water	6020B	875907
180-186495-H-2-C MSD	Matrix Spike Duplicate	Dissolved	Water	6020B	875907

Prep Batch: 877582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-6	WAN-WGWC-25	Dissolved	Water	7470A	
680-261943-18	WAN-WGWC-23	Dissolved	Water	7470A	
MB 680-877582/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-877582/2-A	Lab Control Sample	Total/NA	Water	7470A	
400-271158-B-1-C MS	Matrix Spike	Total/NA	Water	7470A	
400-271158-B-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 877703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-6	WAN-WGWC-25	Dissolved	Water	7470A	877582
680-261943-18	WAN-WGWC-23	Dissolved	Water	7470A	877582
MB 680-877582/1-A	Method Blank	Total/NA	Water	7470A	877582
LCS 680-877582/2-A	Lab Control Sample	Total/NA	Water	7470A	877582
400-271158-B-1-C MS	Matrix Spike	Total/NA	Water	7470A	877582
400-271158-B-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	877582

Lab Chronicle

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

Job ID: 680-261943-2

Client Sample ID: WAN-WGWC-25

Lab Sample ID: 680-261943-6

Date Collected: 02/12/25 12:32

Matrix: Water

Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			25 mL	125 mL	875907	02/17/25 06:26	RR	EET SAV
Dissolved	Analysis	6020B		1			876144	02/17/25 22:09	BWR	EET SAV
	Instrument ID: ICPMSC									
Dissolved	Prep	7470A			50 mL	50 mL	877582	03/03/25 13:30	MG	EET SAV
Dissolved	Analysis	7470A		1			877703	03/03/25 19:25	BJB	EET SAV
	Instrument ID: QuickTrace3									

Client Sample ID: WAN-WGWC-23

Lab Sample ID: 680-261943-18

Date Collected: 02/13/25 16:35

Matrix: Water

Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			25 mL	125 mL	875907	02/17/25 06:26	RR	EET SAV
Dissolved	Analysis	6020B		1			876144	02/17/25 22:17	BWR	EET SAV
	Instrument ID: ICPMSC									
Dissolved	Prep	7470A			50 mL	50 mL	877582	03/03/25 13:30	MG	EET SAV
Dissolved	Analysis	7470A		1			877703	03/03/25 19:27	BJB	EET SAV
	Instrument ID: QuickTrace3									

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-261943-2
Project/Site: Plant Wansley - Ash Pond

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

Method Summary

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

Job ID: 680-261943-2

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

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

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Test[illegible]merica, Savannah
5102 LaRoche Ave.
Savannah, GA 31404
Phone (912) 354-7858 Fax (912) 352-0165

Chain of Custody Record

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Client Information	Sampler: ACC J. Mayo, D. Johnson, T. Goble	Lab PM: Fuller, David	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 #: 68027766			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004			
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-2025S1

Special Instructions/Note: Full APP III and APP IV

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=Comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=equality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Dissolved App III Metals: B, Ca	Dissolved App IV Metals (EPA 6020/7470): Sb,As,Ba,Be,Cd,Cr,Co,Pb,Li,Hg,Mo,Se,Tl	Total Number of containers	
			Preservation Code:				D	D		
WAN-WGWC-25	02/12/25	1232	G	WG	Y	N	X	X	1	
WAN-WGWC-23	02/13/25	1635	G	WG	Y	N	X	X	1	21269

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
1		02-14-25 1322	ACC		2/14/25 13:22	
2		2/14/25			2/15/25 1020	
3					1.9/1.9	

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

Cooler Temperature(s) °C and Other Remarks: 1.1, 1.6, 1.3, 2.5, 1.3, 1.2, 1.0, 1.6, 1.5 #2665

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-261943-2

Login Number: 261943

List Source: Eurofins Savannah

List Number: 1

Creator: Faught, Timothy

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

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

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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 3/18/2025 5:18:26 PM

JOB DESCRIPTION

Plant Wansley - Ash Pond

JOB NUMBER

680-261943-3

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

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

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

Authorization



Generated
3/18/2025 5:18:26 PM

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

Definitions/Glossary

Client: Southern Company
Job ID: 680-261943-3
Project/Site: Plant Wansley - Ash Pond

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

Sample Summary

Client: Southern Company
Job ID: 680-261943-3
Project/Site: Plant Wansley - Ash Pond

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-261943-1	WAN-WGWC-13	Water	02/12/25 10:41	02/15/25 10:20
680-261943-2	WAN-WGWC-14A	Water	02/12/25 12:55	02/15/25 10:20
680-261943-3	WAN-WGWC-16	Water	02/12/25 14:00	02/15/25 10:20
680-261943-4	WAN-WGWC-20	Water	02/12/25 13:59	02/15/25 10:20
680-261943-5	WAN-WGWC-22	Water	02/12/25 13:52	02/15/25 10:20
680-261943-6	WAN-WGWC-25	Water	02/12/25 12:32	02/15/25 10:20
680-261943-7	WAN-WGWC-27	Water	02/12/25 11:32	02/15/25 10:20
680-261943-8	WAN-WGWC-28D	Water	02/12/25 10:22	02/15/25 10:20
680-261943-9	WAN-WAMW-1	Water	02/12/25 13:51	02/15/25 10:20
680-261943-10	WAN-WAMW-2	Water	02/12/25 11:24	02/15/25 10:20
680-261943-11	WAN-AP1-FD-02	Water	02/12/25 00:00	02/15/25 10:20
680-261943-12	WAN-AP1-FB-08	Water	02/12/25 14:20	02/15/25 10:20
680-261943-13	WAN-AP1-EB-01	Water	02/12/25 10:15	02/15/25 10:20
680-261943-14	WAN-WGWC-10	Water	02/13/25 10:25	02/15/25 10:20
680-261943-15	WAN-WGWC-15	Water	02/13/25 11:40	02/15/25 10:20
680-261943-16	WAN-WGWC-19	Water	02/13/25 09:45	02/15/25 10:20
680-261943-17	WAN-WGWC-21	Water	02/13/25 12:08	02/15/25 10:20
680-261943-18	WAN-WGWC-23	Water	02/13/25 16:35	02/15/25 10:20
680-261943-19	WAN-WGWC-24	Water	02/13/25 12:11	02/15/25 10:20
680-261943-20	WAN-PZ-26D	Water	02/13/25 13:20	02/15/25 10:20
680-261943-21	WAN-PZ-31	Water	02/13/25 13:15	02/15/25 10:20
680-261943-22	WAN-AP1-FD-03	Water	02/13/25 00:00	02/15/25 10:20
680-261943-23	WAN-AP1-FB-09	Water	02/13/25 13:40	02/15/25 10:20
680-261943-24	WAN-AP1-EB-02	Water	02/13/25 11:05	02/15/25 10:20
680-261943-25	WAN-AP1-EB-03	Water	02/13/25 13:00	02/15/25 10:20

Job Narrative
680-261943-3

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 2/15/2025 10:20 AM. 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 0.6°C, 1.9°C, 2.7°C, 3.3°C, 3.6°C and 4.1°C.

Gas Flow Proportional Counter
Method 9320_Ra228: Radium-228 batch 703880
The detection goal was not met for the following sample due to the reduced sample volume attributed to the presence of matrix interferences: WAN-WGWC-23 (680-261943-18). Analytical results are reported with the detection limit achieved.

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 ID: WAN-WGWC-13

Lab Sample ID: 680-261943-1

Date Collected: 02/12/25 10:41

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.111	U	0.0962	0.0968	1.00	0.141	pCi/L	02/20/25 07:17	03/16/25 10:38	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.0*		*30 - 110*	*02/20/25 07:17*	*03/16/25 10:38*	*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	0.479	U	0.360	0.363	1.00	0.550	pCi/L	02/20/25 07:21	03/13/25 12:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.0*		*30 - 110*	*02/20/25 07:21*	*03/13/25 12:03*	*1*
Y Carrier	*78.9*		*30 - 110*	*02/20/25 07:21*	*03/13/25 12:03*	*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	**0.589**		0.373	0.376	2.00	0.550	pCi/L		03/17/25 14:19	1

Client Sample ID: WAN-WGWC-14A

Lab Sample ID: 680-261943-2

Date Collected: 02/12/25 12:55

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.203**		0.136	0.138	1.00	0.190	pCi/L	02/20/25 07:17	03/16/25 10:38	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.5*		*30 - 110*	*02/20/25 07:17*	*03/16/25 10:38*	*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	**0.764**		0.394	0.400	1.00	0.555	pCi/L	02/20/25 07:21	03/13/25 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.5*		*30 - 110*	*02/20/25 07:21*	*03/13/25 12:04*	*1*
Y Carrier	*81.9*		*30 - 110*	*02/20/25 07:21*	*03/13/25 12:04*	*1*

Client Sample ID: WAN-WGWC-14A

Lab Sample ID: 680-261943-2

Date Collected: 02/12/25 12:55

Matrix: Water

Date Received: 02/15/25 10:20

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	0.968		0.417	0.423	2.00	0.555	pCi/L		03/17/25 14:19	1

Client Sample ID: WAN-WGWC-16

Lab Sample ID: 680-261943-3

Date Collected: 02/12/25 14:00

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.134	U	0.107	0.108	1.00	0.156	pCi/L	02/20/25 07:17	03/16/25 10:38	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.0*		*30 - 110*	*02/20/25 07:17*	*03/16/25 10:38*	*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	1.01		0.439	0.449	1.00	0.589	pCi/L	02/20/25 07:21	03/13/25 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.0*		*30 - 110*	*02/20/25 07:21*	*03/13/25 12:04*	*1*
Y Carrier	*78.9*		*30 - 110*	*02/20/25 07:21*	*03/13/25 12:04*	*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	1.14		0.452	0.462	2.00	0.589	pCi/L		03/17/25 14:19	1

Client Sample ID: WAN-WGWC-20

Lab Sample ID: 680-261943-4

Date Collected: 02/12/25 13:59

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.149	U	0.119	0.120	1.00	0.175	pCi/L	02/20/25 07:17	03/16/25 10:38	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.6*		*30 - 110*	*02/20/25 07:17*	*03/16/25 10:38*	*1*

Client Sample ID: WAN-WGWC-20

Lab Sample ID: 680-261943-4

Date Collected: 02/12/25 13:59

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.976		0.427	0.437	1.00	0.568	pCi/L	02/20/25 07:21	03/13/25 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.6*		*30 - 110*	*02/20/25 07:21*	*03/13/25 12:04*	*1*
Y Carrier	*80.0*		*30 - 110*	*02/20/25 07:21*	*03/13/25 12:04*	*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	1.12		0.443	0.453	2.00	0.568	pCi/L		03/17/25 14:19	1

Client Sample ID: WAN-WGWC-22

Lab Sample ID: 680-261943-5

Date Collected: 02/12/25 13:52

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.26		0.255	0.279	1.00	0.198	pCi/L	02/20/25 07:17	03/16/25 10:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.0*		*30 - 110*	*02/20/25 07:17*	*03/16/25 10:35*	*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	3.05		0.590	0.653	1.00	0.532	pCi/L	02/20/25 07:21	03/13/25 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.0*		*30 - 110*	*02/20/25 07:21*	*03/13/25 12:04*	*1*
Y Carrier	*83.0*		*30 - 110*	*02/20/25 07:21*	*03/13/25 12:04*	*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	4.31		0.643	0.710	2.00	0.532	pCi/L		03/17/25 14:19	1

Client Sample ID: WAN-WGWC-25

Lab Sample ID: 680-261943-6

Date Collected: 02/12/25 12:32

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.385		0.211	0.213	1.00	0.272	pCi/L	02/20/25 07:17	03/16/25 10:35	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	76.4		30 - 110	02/20/25 07:17	03/16/25 10:35	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	1.04		0.612	0.620	1.00	0.892	pCi/L	02/20/25 07:21	03/13/25 12:04	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	76.4		30 - 110	02/20/25 07:21	03/13/25 12:04	1
Y Carrier	83.0		30 - 110	02/20/25 07:21	03/13/25 12:04	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	1.43		0.647	0.656	2.00	0.892	pCi/L		03/18/25 15:19	1

Client Sample ID: WAN-WGWC-27

Lab Sample ID: 680-261943-7

Date Collected: 02/12/25 11:32

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.14		0.234	0.255	1.00	0.163	pCi/L	02/20/25 07:17	03/16/25 10:35	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	93.5		30 - 110	02/20/25 07:17	03/16/25 10:35	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	3.94		0.645	0.740	1.00	0.523	pCi/L	02/20/25 07:21	03/13/25 12:04	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	93.5		30 - 110	02/20/25 07:21	03/13/25 12:04	1
Y Carrier	81.9		30 - 110	02/20/25 07:21	03/13/25 12:04	1

Client Sample ID: WAN-WGWC-27

Lab Sample ID: 680-261943-7

Date Collected: 02/12/25 11:32

Matrix: Water

Date Received: 02/15/25 10:20

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	5.08		0.686	0.783	2.00	0.523	pCi/L		03/18/25 15:19	1

Client Sample ID: WAN-WGWC-28D

Lab Sample ID: 680-261943-8

Date Collected: 02/12/25 10:22

Matrix: Water

Date Received: 02/15/25 10:20

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		0.294	0.334	1.00	0.164	pCi/L	02/20/25 07:17	03/16/25 10:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.6*		*30 - 110*	*02/20/25 07:17*	*03/16/25 10:35*	*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	6.04		0.824	0.993	1.00	0.554	pCi/L	02/20/25 07:21	03/13/25 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.6*		*30 - 110*	*02/20/25 07:21*	*03/13/25 12:04*	*1*
Y Carrier	*77.4*		*30 - 110*	*02/20/25 07:21*	*03/13/25 12:04*	*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	7.79		0.875	1.05	2.00	0.554	pCi/L		03/18/25 15:19	1

Client Sample ID: WAN-WAMW-1

Lab Sample ID: 680-261943-9

Date Collected: 02/12/25 13:51

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0922	U	0.0997	0.100	1.00	0.159	pCi/L	02/20/25 07:17	03/16/25 10:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.0*		*30 - 110*	*02/20/25 07:17*	*03/16/25 10:35*	*1*

Client Sample ID: WAN-WAMW-1

Lab Sample ID: 680-261943-9

Date Collected: 02/12/25 13:51

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.465	U	0.318	0.321	1.00	0.471	pCi/L	02/20/25 07:21	03/13/25 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.0*		*30 - 110*	*02/20/25 07:21*	*03/13/25 12:04*	*1*
Y Carrier	*82.2*		*30 - 110*	*02/20/25 07:21*	*03/13/25 12:04*	*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	**0.557**		0.333	0.336	2.00	0.471	pCi/L		03/18/25 15:19	1

Client Sample ID: WAN-WAMW-2

Lab Sample ID: 680-261943-10

Date Collected: 02/12/25 11:24

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.142	U	0.112	0.113	1.00	0.162	pCi/L	02/20/25 07:17	03/16/25 10:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.1*		*30 - 110*	*02/20/25 07:17*	*03/16/25 10:35*	*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	**0.657**		0.382	0.387	1.00	0.555	pCi/L	02/20/25 07:21	03/13/25 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.1*		*30 - 110*	*02/20/25 07:21*	*03/13/25 12:04*	*1*
Y Carrier	*84.1*		*30 - 110*	*02/20/25 07:21*	*03/13/25 12:04*	*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	**0.800**		0.398	0.403	2.00	0.555	pCi/L		03/18/25 15:19	1

Client Sample ID: WAN-AP1-FD-02

Lab Sample ID: 680-261943-11

Date Collected: 02/12/25 00:00

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.220		0.148	0.149	1.00	0.212	pCi/L	02/20/25 07:17	03/16/25 10:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.3*		*30 - 110*	*02/20/25 07:17*	*03/16/25 10:35*	*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	0.678		0.403	0.408	1.00	0.589	pCi/L	02/20/25 07:21	03/13/25 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.3*		*30 - 110*	*02/20/25 07:21*	*03/13/25 12:04*	*1*
Y Carrier	*84.9*		*30 - 110*	*02/20/25 07:21*	*03/13/25 12:04*	*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	0.898		0.429	0.434	2.00	0.589	pCi/L		03/18/25 15:19	1

Client Sample ID: WAN-AP1-FB-08

Lab Sample ID: 680-261943-12

Date Collected: 02/12/25 14:20

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0134	U	0.0838	0.0838	1.00	0.165	pCi/L	02/20/25 07:17	03/16/25 10:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.3*		*30 - 110*	*02/20/25 07:17*	*03/16/25 10:35*	*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	0.262	U	0.309	0.310	1.00	0.509	pCi/L	02/20/25 07:21	03/13/25 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.3*		*30 - 110*	*02/20/25 07:21*	*03/13/25 12:04*	*1*
Y Carrier	*80.7*		*30 - 110*	*02/20/25 07:21*	*03/13/25 12:04*	*1*

Client Sample ID: WAN-AP1-FB-08

Lab Sample ID: 680-261943-12

Date Collected: 02/12/25 14:20

Matrix: Water

Date Received: 02/15/25 10:20

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	0.275	U	0.320	0.321	2.00	0.509	pCi/L		03/18/25 15:19	1

Client Sample ID: WAN-AP1-EB-01

Lab Sample ID: 680-261943-13

Date Collected: 02/12/25 10:15

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0200	U	0.0865	0.0865	1.00	0.167	pCi/L	02/20/25 07:17	03/16/25 10:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.0*		*30 - 110*	*02/20/25 07:17*	*03/16/25 10:35*	*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	0.357	U	0.324	0.326	1.00	0.513	pCi/L	02/20/25 07:21	03/13/25 12:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.0*		*30 - 110*	*02/20/25 07:21*	*03/13/25 12:05*	*1*
Y Carrier	*83.4*		*30 - 110*	*02/20/25 07:21*	*03/13/25 12:05*	*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	0.377	U	0.335	0.337	2.00	0.513	pCi/L		03/18/25 15:19	1

Client Sample ID: WAN-WGWC-10

Lab Sample ID: 680-261943-14

Date Collected: 02/13/25 10:25

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.183**		0.118	0.120	1.00	0.156	pCi/L	02/20/25 07:17	03/16/25 12:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.8*		*30 - 110*	*02/20/25 07:17*	*03/16/25 12:29*	*1*

Client Sample ID: WAN-WGWC-10

Lab Sample ID: 680-261943-14

Date Collected: 02/13/25 10:25

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.258	U	0.361	0.362	1.00	0.606	pCi/L	02/20/25 07:21	03/13/25 12:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.8*		*30 - 110*	*02/20/25 07:21*	*03/13/25 12:05*	*1*
Y Carrier	*83.0*		*30 - 110*	*02/20/25 07:21*	*03/13/25 12:05*	*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	0.380	0.381	2.00	0.606	pCi/L		03/18/25 15:19	1

Client Sample ID: WAN-WGWC-15

Lab Sample ID: 680-261943-15

Date Collected: 02/13/25 11:40

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.111	U	0.0972	0.0978	1.00	0.143	pCi/L	02/20/25 07:17	03/16/25 12:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.0*		*30 - 110*	*02/20/25 07:17*	*03/16/25 12:29*	*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	**1.00**		0.398	0.409	1.00	0.495	pCi/L	02/20/25 07:21	03/13/25 12:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.0*		*30 - 110*	*02/20/25 07:21*	*03/13/25 12:05*	*1*
Y Carrier	*83.7*		*30 - 110*	*02/20/25 07:21*	*03/13/25 12:05*	*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	**1.11**		0.410	0.421	2.00	0.495	pCi/L		03/18/25 15:19	1

Client Sample ID: WAN-WGWC-19

Lab Sample ID: 680-261943-16

Date Collected: 02/13/25 09:45

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0512	U	0.0778	0.0779	1.00	0.134	pCi/L	02/20/25 07:17	03/16/25 12:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.0*		*30 - 110*	*02/20/25 07:17*	*03/16/25 12:29*	*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	0.136	U	0.346	0.347	1.00	0.605	pCi/L	02/20/25 07:21	03/13/25 12:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.0*		*30 - 110*	*02/20/25 07:21*	*03/13/25 12:05*	*1*
Y Carrier	*85.2*		*30 - 110*	*02/20/25 07:21*	*03/13/25 12:05*	*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	0.187	U	0.355	0.356	2.00	0.605	pCi/L		03/18/25 15:19	1

Client Sample ID: WAN-WGWC-21

Lab Sample ID: 680-261943-17

Date Collected: 02/13/25 12:08

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.281**		0.130	0.133	1.00	0.142	pCi/L	02/20/25 07:17	03/16/25 12:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.5*		*30 - 110*	*02/20/25 07:17*	*03/16/25 12:29*	*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	**1.42**		0.449	0.467	1.00	0.538	pCi/L	02/20/25 07:21	03/13/25 11:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.5*		*30 - 110*	*02/20/25 07:21*	*03/13/25 11:54*	*1*
Y Carrier	*83.4*		*30 - 110*	*02/20/25 07:21*	*03/13/25 11:54*	*1*

Client Sample ID: WAN-WGWC-21

Lab Sample ID: 680-261943-17

Date Collected: 02/13/25 12:08

Matrix: Water

Date Received: 02/15/25 10:20

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	1.70		0.467	0.486	2.00	0.538	pCi/L		03/18/25 15:19	1

Client Sample ID: WAN-WGWC-23

Lab Sample ID: 680-261943-18

Date Collected: 02/13/25 16:35

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.403	U	0.350	0.352	1.00	0.537	pCi/L	02/20/25 07:17	03/16/25 12:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*69.2*		*30 - 110*	*02/20/25 07:17*	*03/16/25 12:29*	*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	0.907	U G	0.908	0.912	1.00	1.47	pCi/L	02/20/25 07:21	03/13/25 11:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*69.2*		*30 - 110*	*02/20/25 07:21*	*03/13/25 11:54*	*1*
Y Carrier	*83.0*		*30 - 110*	*02/20/25 07:21*	*03/13/25 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	1.31	U	0.973	0.978	2.00	1.47	pCi/L		03/18/25 15:19	1

Client Sample ID: WAN-WGWC-24

Lab Sample ID: 680-261943-19

Date Collected: 02/13/25 12:11

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.218		0.123	0.124	1.00	0.156	pCi/L	02/20/25 07:17	03/16/25 12:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.3*		*30 - 110*	*02/20/25 07:17*	*03/16/25 12:29*	*1*

Client Sample ID: WAN-WGWC-24

Lab Sample ID: 680-261943-19

Date Collected: 02/13/25 12:11

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.583		0.356	0.360	1.00	0.520	pCi/L	02/20/25 07:21	03/13/25 11:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.3*		*30 - 110*	*02/20/25 07:21*	*03/13/25 11:54*	*1*
Y Carrier	*81.5*		*30 - 110*	*02/20/25 07:21*	*03/13/25 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	0.801		0.377	0.381	2.00	0.520	pCi/L		03/18/25 15:19	1

Client Sample ID: WAN-PZ-26D

Lab Sample ID: 680-261943-20

Date Collected: 02/13/25 13:20

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0703	U	0.111	0.111	1.00	0.192	pCi/L	02/20/25 07:17	03/16/25 12:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.0*		*30 - 110*	*02/20/25 07:17*	*03/16/25 12:29*	*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	0.578		0.370	0.374	1.00	0.552	pCi/L	02/20/25 07:21	03/13/25 11:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.0*		*30 - 110*	*02/20/25 07:21*	*03/13/25 11:54*	*1*
Y Carrier	*85.2*		*30 - 110*	*02/20/25 07:21*	*03/13/25 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	0.648		0.386	0.390	2.00	0.552	pCi/L		03/18/25 15:19	1

Client Sample ID: WAN-PZ-31

Lab Sample ID: 680-261943-21

Date Collected: 02/13/25 13:15

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.153	U	0.137	0.138	1.00	0.198	pCi/L	02/20/25 07:22	03/14/25 09:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.4*		*30 - 110*	*02/20/25 07:22*	*03/14/25 09:31*	*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	0.560	U	0.382	0.386	1.00	0.565	pCi/L	02/20/25 07:28	03/13/25 11:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.4*		*30 - 110*	*02/20/25 07:28*	*03/13/25 11:59*	*1*
Y Carrier	*83.9*		*30 - 110*	*02/20/25 07:28*	*03/13/25 11:59*	*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**		0.406	0.410	2.00	0.565	pCi/L		03/17/25 14:19	1

Client Sample ID: WAN-AP1-FD-03

Lab Sample ID: 680-261943-22

Date Collected: 02/13/25 00:00

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.143	U	0.155	0.156	1.00	0.247	pCi/L	02/20/25 07:22	03/14/25 09:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.1*		*30 - 110*	*02/20/25 07:22*	*03/14/25 09:31*	*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	0.420	U	0.368	0.370	1.00	0.581	pCi/L	02/20/25 07:28	03/13/25 11:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.1*		*30 - 110*	*02/20/25 07:28*	*03/13/25 11:59*	*1*
Y Carrier	*84.9*		*30 - 110*	*02/20/25 07:28*	*03/13/25 11:59*	*1*

Client Sample ID: WAN-AP1-FD-03

Lab Sample ID: 680-261943-22

Date Collected: 02/13/25 00:00

Matrix: Water

Date Received: 02/15/25 10:20

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	U	0.399	0.402	2.00	0.581	pCi/L		03/17/25 14:19	1

Client Sample ID: WAN-AP1-FB-09

Lab Sample ID: 680-261943-23

Date Collected: 02/13/25 13:40

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0126	U	0.107	0.107	1.00	0.222	pCi/L	02/20/25 07:22	03/14/25 09:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.8*		*30 - 110*	*02/20/25 07:22*	*03/14/25 09:31*	*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	-0.0921	U	0.266	0.266	1.00	0.527	pCi/L	02/20/25 07:28	03/13/25 11:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.8*		*30 - 110*	*02/20/25 07:28*	*03/13/25 11:59*	*1*
Y Carrier	*85.2*		*30 - 110*	*02/20/25 07:28*	*03/13/25 11:59*	*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	-0.0795	U	0.287	0.287	2.00	0.527	pCi/L		03/17/25 14:19	1

Client Sample ID: WAN-AP1-EB-02

Lab Sample ID: 680-261943-24

Date Collected: 02/13/25 11:05

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.00513	U	0.108	0.108	1.00	0.231	pCi/L	02/20/25 07:22	03/14/25 09:30	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.8*		*30 - 110*	*02/20/25 07:22*	*03/14/25 09:30*	*1*

Client Sample ID: WAN-AP1-EB-02

Lab Sample ID: 680-261943-24

Date Collected: 02/13/25 11:05

Matrix: Water

Date Received: 02/15/25 10:20

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	0.255	0.256	1.00	0.433	pCi/L	02/20/25 07:28	03/13/25 11:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.8*		*30 - 110*	*02/20/25 07:28*	*03/13/25 11:59*	*1*
Y Carrier	*83.7*		*30 - 110*	*02/20/25 07:28*	*03/13/25 11:59*	*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	0.169	U	0.277	0.278	2.00	0.433	pCi/L		03/17/25 14:19	1

Client Sample ID: WAN-AP1-EB-03

Lab Sample ID: 680-261943-25

Date Collected: 02/13/25 13:00

Matrix: Water

Date Received: 02/15/25 10:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.00719	U	0.106	0.106	1.00	0.225	pCi/L	02/20/25 07:22	03/14/25 09:30	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.3*		*30 - 110*	*02/20/25 07:22*	*03/14/25 09:30*	*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	0.0216	U	0.363	0.363	1.00	0.664	pCi/L	02/20/25 07:28	03/13/25 12:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.3*		*30 - 110*	*02/20/25 07:28*	*03/13/25 12:00*	*1*
Y Carrier	*82.6*		*30 - 110*	*02/20/25 07:28*	*03/13/25 12:00*	*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	0.0288	U	0.378	0.378	2.00	0.664	pCi/L		03/17/25 14:19	1

Tracer/Carrier Summary

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

Job ID: 680-261943-3

Method: 9315 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
680-261943-1	WAN-WGWC-13	90.0
680-261943-1 DU	WAN-WGWC-13	85.3
680-261943-2	WAN-WGWC-14A	92.5
680-261943-3	WAN-WGWC-16	93.0
680-261943-4	WAN-WGWC-20	88.6
680-261943-5	WAN-WGWC-22	91.0
680-261943-6	WAN-WGWC-25	76.4
680-261943-7	WAN-WGWC-27	93.5
680-261943-8	WAN-WGWC-28D	87.6
680-261943-9	WAN-WAMW-1	93.0
680-261943-10	WAN-WAMW-2	88.1
680-261943-11	WAN-AP1-FD-02	87.3
680-261943-12	WAN-AP1-FB-08	93.3
680-261943-13	WAN-AP1-EB-01	93.0
680-261943-14	WAN-WGWC-10	86.8
680-261943-15	WAN-WGWC-15	90.0
680-261943-16	WAN-WGWC-19	94.0
680-261943-17	WAN-WGWC-21	92.5
680-261943-18	WAN-WGWC-23	69.2
680-261943-19	WAN-WGWC-24	92.3
680-261943-20	WAN-PZ-26D	90.0
680-261943-21	WAN-PZ-31	79.4
680-261943-21 DU	WAN-PZ-31	86.6
680-261943-22	WAN-AP1-FD-03	84.1
680-261943-23	WAN-AP1-FB-09	85.8
680-261943-24	WAN-AP1-EB-02	91.8
680-261943-25	WAN-AP1-EB-03	85.3
LCS 160-703878/2-A	Lab Control Sample	90.8
LCS 160-703881/2-A	Lab Control Sample	84.8
MB 160-703878/1-A	Method Blank	90.8
MB 160-703881/1-A	Method Blank	89.1

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)
680-261943-1	WAN-WGWC-13	90.0	78.9
680-261943-1 DU	WAN-WGWC-13	85.3	80.4
680-261943-2	WAN-WGWC-14A	92.5	81.9
680-261943-3	WAN-WGWC-16	93.0	78.9
680-261943-4	WAN-WGWC-20	88.6	80.0
680-261943-5	WAN-WGWC-22	91.0	83.0
680-261943-6	WAN-WGWC-25	76.4	83.0
680-261943-7	WAN-WGWC-27	93.5	81.9
680-261943-8	WAN-WGWC-28D	87.6	77.4

Tracer/Carrier Summary

Client: Southern Company
Job ID: 680-261943-3
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)
680-261943-9	WAN-WAMW-1	93.0	82.2
680-261943-10	WAN-WAMW-2	88.1	84.1
680-261943-11	WAN-AP1-FD-02	87.3	84.9
680-261943-12	WAN-AP1-FB-08	93.3	80.7
680-261943-13	WAN-AP1-EB-01	93.0	83.4
680-261943-14	WAN-WGWC-10	86.8	83.0
680-261943-15	WAN-WGWC-15	90.0	83.7
680-261943-16	WAN-WGWC-19	94.0	85.2
680-261943-17	WAN-WGWC-21	92.5	83.4
680-261943-18	WAN-WGWC-23	69.2	83.0
680-261943-19	WAN-WGWC-24	92.3	81.5
680-261943-20	WAN-PZ-26D	90.0	85.2
680-261943-21	WAN-PZ-31	79.4	83.9
680-261943-21 DU	WAN-PZ-31	86.6	81.9
680-261943-22	WAN-AP1-FD-03	84.1	84.9
680-261943-23	WAN-AP1-FB-09	85.8	85.2
680-261943-24	WAN-AP1-EB-02	91.8	83.7
680-261943-25	WAN-AP1-EB-03	85.3	82.6
LCS 160-703880/2-A	Lab Control Sample	90.8	76.6
LCS 160-703882/2-A	Lab Control Sample	84.8	80.7
MB 160-703880/1-A	Method Blank	90.8	80.0
MB 160-703882/1-A	Method Blank	89.1	81.1

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-703878/1-A
Matrix: Water
Analysis Batch: 707977

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 703878

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.06202	U	0.0885	0.0887	1.00	0.151	pCi/L	02/20/25 07:17	03/16/25 10:37	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.8*		*30 - 110*	*02/20/25 07:17*	*03/16/25 10:37*	*1*

Lab Sample ID: LCS 160-703878/2-A
Matrix: Water
Analysis Batch: 707977

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 703878

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	7.885		0.935	1.00	0.144	pCi/L	82	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*90.8*		*30 - 110*

Lab Sample ID: 680-261943-1 DU
Matrix: Water
Analysis Batch: 707977

Client Sample ID: WAN-WGWC-13
Prep Type: Total/NA
Prep Batch: 703878

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.111	U		0.07382	U	0.0933	1.00	0.154	pCi/L			0.19	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*85.3*		*30 - 110*

Lab Sample ID: MB 160-703881/1-A
Matrix: Water
Analysis Batch: 707813

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 703881

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1250	U	0.143	0.143	1.00	0.230	pCi/L	02/20/25 07:22	03/14/25 09:31	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.1*		*30 - 110*	*02/20/25 07:22*	*03/14/25 09:31*	*1*

Lab Sample ID: LCS 160-703881/2-A
Matrix: Water
Analysis Batch: 707813

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 703881

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	7.692		1.02	1.00	0.251	pCi/L	80	75 - 125		

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-703881/2-A
Matrix: Water
Analysis Batch: 707813

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 703881

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	84.8		30 - 110

Lab Sample ID: 680-261943-21 DU
Matrix: Water
Analysis Batch: 707813

Client Sample ID: WAN-PZ-31
Prep Type: Total/NA
Prep Batch: 703881

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.153	U		0.1911	U	0.173	1.00	0.261	pCi/L			0.12	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	86.6		30 - 110

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-703880/1-A
Matrix: Water
Analysis Batch: 707492

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 703880

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.8430		0.382	0.390	1.00	0.503	pCi/L	02/20/25 07:21	03/13/25 11:52	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	90.8		30 - 110	02/20/25 07:21	03/13/25 11:52	1
Y Carrier	80.0		30 - 110	02/20/25 07:21	03/13/25 11:52	1

Lab Sample ID: LCS 160-703880/2-A
Matrix: Water
Analysis Batch: 707492

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 703880

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.02	9.967		1.37	1.00	0.515	pCi/L	124	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	90.8		30 - 110
Y Carrier	76.6		30 - 110

Lab Sample ID: 680-261943-1 DU
Matrix: Water
Analysis Batch: 707495

Client Sample ID: WAN-WGWC-13
Prep Type: Total/NA
Prep Batch: 703880

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.479	U		0.4054	U	0.389	1.00	0.620	pCi/L			0.1	1

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

Lab Sample ID: 680-261943-1 DU
Matrix: Water
Analysis Batch: 707495

Client Sample ID: WAN-WGWC-13
Prep Type: Total/NA
Prep Batch: 703880

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	85.3		30 - 110
Y Carrier	80.4		30 - 110

Lab Sample ID: MB 160-703882/1-A
Matrix: Water
Analysis Batch: 707496

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 703882

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2416	U	0.328	0.329	1.00	0.550	pCi/L	02/20/25 07:28	03/13/25 11:59	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	89.1		30 - 110	02/20/25 07:28	03/13/25 11:59	1
Y Carrier	81.1		30 - 110	02/20/25 07:28	03/13/25 11:59	1

Lab Sample ID: LCS 160-703882/2-A
Matrix: Water
Analysis Batch: 707496

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 703882

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.02	9.423		1.33	1.00	0.619	pCi/L	117	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	84.8		30 - 110
Y Carrier	80.7		30 - 110

Lab Sample ID: 680-261943-21 DU
Matrix: Water
Analysis Batch: 707496

Client Sample ID: WAN-PZ-31
Prep Type: Total/NA
Prep Batch: 703882

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.560	U		0.7203		0.390	1.00	0.537	pCi/L			0.21	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	86.6		30 - 110
Y Carrier	81.9		30 - 110

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Prep Batch: 703878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-1	WAN-WGWC-13	Total/NA	Water	PrecSep-21	
680-261943-2	WAN-WGWC-14A	Total/NA	Water	PrecSep-21	
680-261943-3	WAN-WGWC-16	Total/NA	Water	PrecSep-21	
680-261943-4	WAN-WGWC-20	Total/NA	Water	PrecSep-21	
680-261943-5	WAN-WGWC-22	Total/NA	Water	PrecSep-21	
680-261943-6	WAN-WGWC-25	Total/NA	Water	PrecSep-21	
680-261943-7	WAN-WGWC-27	Total/NA	Water	PrecSep-21	
680-261943-8	WAN-WGWC-28D	Total/NA	Water	PrecSep-21	
680-261943-9	WAN-WAMW-1	Total/NA	Water	PrecSep-21	
680-261943-10	WAN-WAMW-2	Total/NA	Water	PrecSep-21	
680-261943-11	WAN-AP1-FD-02	Total/NA	Water	PrecSep-21	
680-261943-12	WAN-AP1-FB-08	Total/NA	Water	PrecSep-21	
680-261943-13	WAN-AP1-EB-01	Total/NA	Water	PrecSep-21	
680-261943-14	WAN-WGWC-10	Total/NA	Water	PrecSep-21	
680-261943-15	WAN-WGWC-15	Total/NA	Water	PrecSep-21	
680-261943-16	WAN-WGWC-19	Total/NA	Water	PrecSep-21	
680-261943-17	WAN-WGWC-21	Total/NA	Water	PrecSep-21	
680-261943-18	WAN-WGWC-23	Total/NA	Water	PrecSep-21	
680-261943-19	WAN-WGWC-24	Total/NA	Water	PrecSep-21	
680-261943-20	WAN-PZ-26D	Total/NA	Water	PrecSep-21	
MB 160-703878/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-703878/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
680-261943-1 DU	WAN-WGWC-13	Total/NA	Water	PrecSep-21	

Prep Batch: 703880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-1	WAN-WGWC-13	Total/NA	Water	PrecSep_0	
680-261943-2	WAN-WGWC-14A	Total/NA	Water	PrecSep_0	
680-261943-3	WAN-WGWC-16	Total/NA	Water	PrecSep_0	
680-261943-4	WAN-WGWC-20	Total/NA	Water	PrecSep_0	
680-261943-5	WAN-WGWC-22	Total/NA	Water	PrecSep_0	
680-261943-6	WAN-WGWC-25	Total/NA	Water	PrecSep_0	
680-261943-7	WAN-WGWC-27	Total/NA	Water	PrecSep_0	
680-261943-8	WAN-WGWC-28D	Total/NA	Water	PrecSep_0	
680-261943-9	WAN-WAMW-1	Total/NA	Water	PrecSep_0	
680-261943-10	WAN-WAMW-2	Total/NA	Water	PrecSep_0	
680-261943-11	WAN-AP1-FD-02	Total/NA	Water	PrecSep_0	
680-261943-12	WAN-AP1-FB-08	Total/NA	Water	PrecSep_0	
680-261943-13	WAN-AP1-EB-01	Total/NA	Water	PrecSep_0	
680-261943-14	WAN-WGWC-10	Total/NA	Water	PrecSep_0	
680-261943-15	WAN-WGWC-15	Total/NA	Water	PrecSep_0	
680-261943-16	WAN-WGWC-19	Total/NA	Water	PrecSep_0	
680-261943-17	WAN-WGWC-21	Total/NA	Water	PrecSep_0	
680-261943-18	WAN-WGWC-23	Total/NA	Water	PrecSep_0	
680-261943-19	WAN-WGWC-24	Total/NA	Water	PrecSep_0	
680-261943-20	WAN-PZ-26D	Total/NA	Water	PrecSep_0	
MB 160-703880/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-703880/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
680-261943-1 DU	WAN-WGWC-13	Total/NA	Water	PrecSep_0	

QC Association Summary

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

Job ID: 680-261943-3

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Prep Batch: 703881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-21	WAN-PZ-31	Total/NA	Water	PrecSep-21	
680-261943-22	WAN-AP1-FD-03	Total/NA	Water	PrecSep-21	
680-261943-23	WAN-AP1-FB-09	Total/NA	Water	PrecSep-21	
680-261943-24	WAN-AP1-EB-02	Total/NA	Water	PrecSep-21	
680-261943-25	WAN-AP1-EB-03	Total/NA	Water	PrecSep-21	
MB 160-703881/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-703881/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
680-261943-21 DU	WAN-PZ-31	Total/NA	Water	PrecSep-21	

Prep Batch: 703882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261943-21	WAN-PZ-31	Total/NA	Water	PrecSep_0	
680-261943-22	WAN-AP1-FD-03	Total/NA	Water	PrecSep_0	
680-261943-23	WAN-AP1-FB-09	Total/NA	Water	PrecSep_0	
680-261943-24	WAN-AP1-EB-02	Total/NA	Water	PrecSep_0	
680-261943-25	WAN-AP1-EB-03	Total/NA	Water	PrecSep_0	
MB 160-703882/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-703882/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
680-261943-21 DU	WAN-PZ-31	Total/NA	Water	PrecSep_0	

Lab Chronicle

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

Job ID: 680-261943-3

Client Sample ID: WAN-WGWC-13

Lab Sample ID: 680-261943-1

Date Collected: 02/12/25 10:41

Matrix: Water

Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1002.29 mL	1.0 g	703878	02/20/25 07:17	OGC	EET SL
Total/NA	Analysis	9315		1			707977	03/16/25 10:38	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1002.29 mL	1.0 g	703880	02/20/25 07:21	OGC	EET SL
Total/NA	Analysis	9320		1			707495	03/13/25 12:03	FLC	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			708159	03/17/25 14:19	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-WGWC-14A

Lab Sample ID: 680-261943-2

Date Collected: 02/12/25 12:55

Matrix: Water

Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1002.15 mL	1.0 g	703878	02/20/25 07:17	OGC	EET SL
Total/NA	Analysis	9315		1			707977	03/16/25 10:38	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1002.15 mL	1.0 g	703880	02/20/25 07:21	OGC	EET SL
Total/NA	Analysis	9320		1			707495	03/13/25 12:04	FLC	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			708159	03/17/25 14:19	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-WGWC-16

Lab Sample ID: 680-261943-3

Date Collected: 02/12/25 14:00

Matrix: Water

Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1001.48 mL	1.0 g	703878	02/20/25 07:17	OGC	EET SL
Total/NA	Analysis	9315		1			707977	03/16/25 10:38	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1001.48 mL	1.0 g	703880	02/20/25 07:21	OGC	EET SL
Total/NA	Analysis	9320		1			707495	03/13/25 12:04	FLC	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			708159	03/17/25 14:19	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-WGWC-20

Lab Sample ID: 680-261943-4

Date Collected: 02/12/25 13:59

Matrix: Water

Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1002.73 mL	1.0 g	703878	02/20/25 07:17	OGC	EET SL
Total/NA	Analysis	9315		1			707977	03/16/25 10:38	SWS	EET SL
	Instrument ID: GFPCBLUE									

Client Sample ID: WAN-WGWC-20

Lab Sample ID: 680-261943-4

Date Collected: 02/12/25 13:59

Matrix: Water

Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep_0			1002.73 mL	1.0 g	703880	02/20/25 07:21	OGC	EET SL
Total/NA	Analysis	9320		1			707495	03/13/25 12:04	FLC	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			708159	03/17/25 14:19	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-WGWC-22

Lab Sample ID: 680-261943-5

Date Collected: 02/12/25 13:52

Matrix: Water

Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.38 mL	1.0 g	703878	02/20/25 07:17	OGC	EET SL
Total/NA	Analysis	9315		1			707979	03/16/25 10:35	SWS	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1000.38 mL	1.0 g	703880	02/20/25 07:21	OGC	EET SL
Total/NA	Analysis	9320		1			707495	03/13/25 12:04	FLC	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			708159	03/17/25 14:19	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-WGWC-25

Lab Sample ID: 680-261943-6

Date Collected: 02/12/25 12:32

Matrix: Water

Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			756.66 mL	1.0 g	703878	02/20/25 07:17	OGC	EET SL
Total/NA	Analysis	9315		1			707979	03/16/25 10:35	SWS	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			756.66 mL	1.0 g	703880	02/20/25 07:21	OGC	EET SL
Total/NA	Analysis	9320		1			707495	03/13/25 12:04	FLC	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			708159	03/18/25 15:19	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-WGWC-27

Lab Sample ID: 680-261943-7

Date Collected: 02/12/25 11:32

Matrix: Water

Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1005.03 mL	1.0 g	703878	02/20/25 07:17	OGC	EET SL
Total/NA	Analysis	9315		1			707979	03/16/25 10:35	SWS	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1005.03 mL	1.0 g	703880	02/20/25 07:21	OGC	EET SL
Total/NA	Analysis	9320		1			707495	03/13/25 12:04	FLC	EET SL
	Instrument ID: GFPCBLUE									

Lab Chronicle

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

Job ID: 680-261943-3

Client Sample ID: WAN-WGWC-27

Lab Sample ID: 680-261943-7

Date Collected: 02/12/25 11:32
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Ra226_Ra228		1			708159	03/18/25 15:19	SCB	EET SL

Client Sample ID: WAN-WGWC-28D

Lab Sample ID: 680-261943-8

Date Collected: 02/12/25 10:22
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1002.14 mL	1.0 g	703878	02/20/25 07:17	OGC	EET SL
Total/NA	Analysis	9315		1			707979	03/16/25 10:35	SWS	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1002.14 mL	1.0 g	703880	02/20/25 07:21	OGC	EET SL
Total/NA	Analysis	9320		1			707495	03/13/25 12:04	FLC	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			708159	03/18/25 15:19	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-WAMW-1

Lab Sample ID: 680-261943-9

Date Collected: 02/12/25 13:51
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1005.04 mL	1.0 g	703878	02/20/25 07:17	OGC	EET SL
Total/NA	Analysis	9315		1			707979	03/16/25 10:35	SWS	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1005.04 mL	1.0 g	703880	02/20/25 07:21	OGC	EET SL
Total/NA	Analysis	9320		1			707495	03/13/25 12:04	FLC	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			708159	03/18/25 15:19	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-WAMW-2

Lab Sample ID: 680-261943-10

Date Collected: 02/12/25 11:24
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1004.26 mL	1.0 g	703878	02/20/25 07:17	OGC	EET SL
Total/NA	Analysis	9315		1			707979	03/16/25 10:35	SWS	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1004.26 mL	1.0 g	703880	02/20/25 07:21	OGC	EET SL
Total/NA	Analysis	9320		1			707495	03/13/25 12:04	FLC	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			708159	03/18/25 15:19	SCB	EET SL
	Instrument ID: NOEQUIP									

Lab Chronicle

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

Job ID: 680-261943-3

Client Sample ID: WAN-AP1-FD-02

Lab Sample ID: 680-261943-11

Date Collected: 02/12/25 00:00
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.40 mL	1.0 g	703878	02/20/25 07:17	OGC	EET SL
Total/NA	Analysis	9315		1			707979	03/16/25 10:35	SWS	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1000.40 mL	1.0 g	703880	02/20/25 07:21	OGC	EET SL
Total/NA	Analysis	9320		1			707495	03/13/25 12:04	FLC	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			708159	03/18/25 15:19	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-AP1-FB-08

Lab Sample ID: 680-261943-12

Date Collected: 02/12/25 14:20
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1001.16 mL	1.0 g	703878	02/20/25 07:17	OGC	EET SL
Total/NA	Analysis	9315		1			707979	03/16/25 10:35	SWS	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1001.16 mL	1.0 g	703880	02/20/25 07:21	OGC	EET SL
Total/NA	Analysis	9320		1			707495	03/13/25 12:04	FLC	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			708159	03/18/25 15:19	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-AP1-EB-01

Lab Sample ID: 680-261943-13

Date Collected: 02/12/25 10:15
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.07 mL	1.0 g	703878	02/20/25 07:17	OGC	EET SL
Total/NA	Analysis	9315		1			707979	03/16/25 10:35	SWS	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1000.07 mL	1.0 g	703880	02/20/25 07:21	OGC	EET SL
Total/NA	Analysis	9320		1			707495	03/13/25 12:05	FLC	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			708159	03/18/25 15:19	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-WGWC-10

Lab Sample ID: 680-261943-14

Date Collected: 02/13/25 10:25
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			992.14 mL	1.0 g	703878	02/20/25 07:17	OGC	EET SL
Total/NA	Analysis	9315		1			707977	03/16/25 12:29	SWS	EET SL
	Instrument ID: GFPCBLUE									

Client Sample ID: WAN-WGWC-10

Lab Sample ID: 680-261943-14

Date Collected: 02/13/25 10:25

Matrix: Water

Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep_0			992.14 mL	1.0 g	703880	02/20/25 07:21	OGC	EET SL
Total/NA	Analysis	9320		1			707495	03/13/25 12:05	FLC	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			708159	03/18/25 15:19	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-WGWC-15

Lab Sample ID: 680-261943-15

Date Collected: 02/13/25 11:40

Matrix: Water

Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1002.38 mL	1.0 g	703878	02/20/25 07:17	OGC	EET SL
Total/NA	Analysis	9315		1			707977	03/16/25 12:29	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1002.38 mL	1.0 g	703880	02/20/25 07:21	OGC	EET SL
Total/NA	Analysis	9320		1			707495	03/13/25 12:05	FLC	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			708159	03/18/25 15:19	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-WGWC-19

Lab Sample ID: 680-261943-16

Date Collected: 02/13/25 09:45

Matrix: Water

Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1004.21 mL	1.0 g	703878	02/20/25 07:17	OGC	EET SL
Total/NA	Analysis	9315		1			707977	03/16/25 12:29	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1004.21 mL	1.0 g	703880	02/20/25 07:21	OGC	EET SL
Total/NA	Analysis	9320		1			707495	03/13/25 12:05	FLC	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			708159	03/18/25 15:19	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-WGWC-21

Lab Sample ID: 680-261943-17

Date Collected: 02/13/25 12:08

Matrix: Water

Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.98 mL	1.0 g	703878	02/20/25 07:17	OGC	EET SL
Total/NA	Analysis	9315		1			707977	03/16/25 12:29	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1000.98 mL	1.0 g	703880	02/20/25 07:21	OGC	EET SL
Total/NA	Analysis	9320		1			707496	03/13/25 11:54	FLC	EET SL
	Instrument ID: GFPCPURPLE									

Lab Chronicle

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

Job ID: 680-261943-3

Client Sample ID: WAN-WGWC-21

Lab Sample ID: 680-261943-17

Date Collected: 02/13/25 12:08
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Ra226_Ra228		1			708159	03/18/25 15:19	SCB	EET SL

Client Sample ID: WAN-WGWC-23

Lab Sample ID: 680-261943-18

Date Collected: 02/13/25 16:35
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			501.04 mL	1.0 g	703878	02/20/25 07:17	OGC	EET SL
Total/NA	Analysis	9315		1			707977	03/16/25 12:29	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			501.04 mL	1.0 g	703880	02/20/25 07:21	OGC	EET SL
Total/NA	Analysis	9320		1			707496	03/13/25 11:54	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			708159	03/18/25 15:19	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-WGWC-24

Lab Sample ID: 680-261943-19

Date Collected: 02/13/25 12:11
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.63 mL	1.0 g	703878	02/20/25 07:17	OGC	EET SL
Total/NA	Analysis	9315		1			707977	03/16/25 12:29	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1000.63 mL	1.0 g	703880	02/20/25 07:21	OGC	EET SL
Total/NA	Analysis	9320		1			707496	03/13/25 11:54	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			708159	03/18/25 15:19	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-PZ-26D

Lab Sample ID: 680-261943-20

Date Collected: 02/13/25 13:20
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.73 mL	1.0 g	703878	02/20/25 07:17	OGC	EET SL
Total/NA	Analysis	9315		1			707977	03/16/25 12:29	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1000.73 mL	1.0 g	703880	02/20/25 07:21	OGC	EET SL
Total/NA	Analysis	9320		1			707496	03/13/25 11:54	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			708159	03/18/25 15:19	SCB	EET SL
	Instrument ID: NOEQUIP									

Lab Chronicle

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

Job ID: 680-261943-3

Client Sample ID: WAN-PZ-31

Lab Sample ID: 680-261943-21

Date Collected: 02/13/25 13:15
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1009.66 mL	1.0 g	703881	02/20/25 07:22	OGC	EET SL
Total/NA	Analysis	9315		1			707813	03/14/25 09:31	SWS	EET SL
	Instrument ID: GFPCRED									
Total/NA	Prep	PrecSep_0			1009.66 mL	1.0 g	703882	02/20/25 07:28	OGC	EET SL
Total/NA	Analysis	9320		1			707496	03/13/25 11:59	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			708159	03/17/25 14:19	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-AP1-FD-03

Lab Sample ID: 680-261943-22

Date Collected: 02/13/25 00:00
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1002.48 mL	1.0 g	703881	02/20/25 07:22	OGC	EET SL
Total/NA	Analysis	9315		1			707813	03/14/25 09:31	SWS	EET SL
	Instrument ID: GFPCRED									
Total/NA	Prep	PrecSep_0			1002.48 mL	1.0 g	703882	02/20/25 07:28	OGC	EET SL
Total/NA	Analysis	9320		1			707496	03/13/25 11:59	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			708159	03/17/25 14:19	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-AP1-FB-09

Lab Sample ID: 680-261943-23

Date Collected: 02/13/25 13:40
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1009.68 mL	1.0 g	703881	02/20/25 07:22	OGC	EET SL
Total/NA	Analysis	9315		1			707813	03/14/25 09:31	SWS	EET SL
	Instrument ID: GFPCRED									
Total/NA	Prep	PrecSep_0			1009.68 mL	1.0 g	703882	02/20/25 07:28	OGC	EET SL
Total/NA	Analysis	9320		1			707496	03/13/25 11:59	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			708159	03/17/25 14:19	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-AP1-EB-02

Lab Sample ID: 680-261943-24

Date Collected: 02/13/25 11:05
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1001.17 mL	1.0 g	703881	02/20/25 07:22	OGC	EET SL
Total/NA	Analysis	9315		1			707813	03/14/25 09:30	SWS	EET SL
	Instrument ID: GFPCRED									

Lab Chronicle

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

Job ID: 680-261943-3

Client Sample ID: WAN-AP1-EB-02

Lab Sample ID: 680-261943-24

Date Collected: 02/13/25 11:05
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep_0			1001.17 mL	1.0 g	703882	02/20/25 07:28	OGC	EET SL
Total/NA	Analysis	9320		1			707496	03/13/25 11:59	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			708159	03/17/25 14:19	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: WAN-AP1-EB-03

Lab Sample ID: 680-261943-25

Date Collected: 02/13/25 13:00
Matrix: Water
Date Received: 02/15/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1003.99 mL	1.0 g	703881	02/20/25 07:22	OGC	EET SL
Total/NA	Analysis	9315		1			707813	03/14/25 09:30	SWS	EET SL
	Instrument ID: GFPCRED									
Total/NA	Prep	PrecSep_0			1003.99 mL	1.0 g	703882	02/20/25 07:28	OGC	EET SL
Total/NA	Analysis	9320		1	1.0 mL	1.0 mL	707496	03/13/25 12:00	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			708159	03/17/25 14:19	SCB	EET SL
	Instrument ID: NOEQUIP									

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: 680-261943-3
Project/Site: Plant Wansley - Ash Pond

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-25

Method Summary

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

Job ID: 680-261943-3

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

Eurofins Test[illegible]merica, Savannah
5102 LaRoche Ave.
Savannah, GA 31404
Phone (912) 354-7858 Fax (912) 352-0165

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: T. Gobie, ACC d. Johnson, J. May	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone:	E-Mail: david.fuller@et.eurofinsus.com		Page: 1 of 3
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:	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:
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 68027766			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004			
Project Name: Plant Wansley Ash Pond	Project #:			Task_Code: WAN-CCR-ASSMT-2025S1
Site:	SSOW#:			Special Instructions/Note: Full APP III and APP IV

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)	App III Metals: B, Ca	Cl, F, SO & TDS (EPA 300 & SM 2540C)	App IV Metals (EPA 6020/7470): Sb,As,Ba,Be,Cd,Cr,Co,Pb,Li,Hg,Mo,Se,Tl	Radium 226 & 228 (SW-846 9315/9320)	Major Ions - Carbonate, Bicarbonate, Total Alkalinity	Major Ions - Sulfide	Major Ions - Iron, Magnesium, Manganese, Potassium, Sodium	Total Number of containers
			Preservation Code:				D	I	D	D	I	B, C	D	
WAN- WGWC-13	02/12/25	1041	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- WGWC-14A	02/12/25	1255	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- WGWC-16	02/12/25	1400	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- WGWC-20	02/12/25	1359	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- WGWC-22	02/12/25	1352	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- WGWC-25	02/12/25	1232	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- WGWC-27	02/12/25	1132	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- WGWC-28D	02/12/25	1022	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- WAMW-1	02/12/25	1351	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- WA MW-2	02/12/25	1124	G	WG		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- API-FD-02	02/12/25	—	G	WG		N	✓	✓	✓	✓	✓	✓	✓	9

680-261943 Chain of Custody

22664

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	02-14-25 1322	ACC		2/14/25 13:22	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	2/14/25			2/15/25 1020	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				3.3/3.3 0.6/0.6	

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

Cooler Temperature(s) °C and Other Remarks: 1.4, 1.6, 1.3, 2.5, 1.3, 1.2, 1.0, 1.6, 1.5 #2665

Ver: 01/16/2019

Eurofins Test America, Savannah
5102 LaRoche Ave
Savannah, GA 31404
Phone (912) 354-7858 Fax (912) 352-0165

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: T. Goble, ACC D. Johnson, J. May	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone:	E-Mail: david.fuller@et.eurofinsus.com		Page: 2 of 3
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 #: 68027766			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004			
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-2025S1

Special Instructions/Note: Full APP III and APP IV

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)	App III Metals: B, Ca	Cl, F, SO & TDS (EPA 300 & SM 2540C)	App IV Metals (EPA 6020/7470): Sb,As,Ba,Be,Cd,Cr,Co,Pb,Li,Hg,Mo,Se,Tl	Radium 226 & 228 (SW-846 9315/9320)	Major Ions - Carbonate, Bicarbonate, Total Alkalinity	Major Ions - Sulfide	Major Ions - Iron, Magnesium, Manganese, Potassium, Sodium						Total Number of containers	
			Preservation Code:				D	I	D	D	I	B, C	D							
WAN- API-FB-08	02/12/25	1420	G	WQ		N	✓	✓	✓	✓	✓	✓	✓							8	
WAN- API-EB-01	02/12/25	1015	G	WQ		N	✓	✓	✓	✓	✓	✓	✓							8	
WAN- WGWC-10	02/13/25	1025	G	WG		N	✓	✓	✓	✓	✓	✓	✓							8	21264
WAN- WGWC-15	02/13/25	1140	G	WG		N	✓	✓	✓	✓	✓	✓	✓							8	
WAN- WGWC-19	02/13/25	0945	G	WG		N	✓	✓	✓	✓	✓	✓	✓							8	
WAN- ~~SW~~ WGWC-21	02/13/25	1208	G	WG		N	✓	✓	✓	✓	✓	✓	✓							8	
WAN- WGWC-23	02/13/25	1635	G	WG		N	✓	✓	✓	✓	✓	✓	✓							8	
WAN- WGWC-24	02/13/25	1211	G	WG		N	✓	✓	✓	✓	✓	✓	✓							8	
WAN- PZ-26D	02/13/25	1320	G	WG		N	✓	✓	✓	✓	✓	✓	✓							8	
WAN- PZ-31	02/13/25	1315	G	WG		N	✓	✓	✓	✓	✓	✓	✓							8	
WAN- API-FD-03	02/13/25	—	G	WG		N	✓	✓	✓	✓	✓	✓	✓							8	

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: 02-14-25 1322	Company ACC	Received by: ACC Date/Time: 2/14/25 13:22 Company G
Relinquished by:	Date/Time: 2/14/25	Company	Received by: Date/Time: 2/15/25 1020 Company
Relinquished by:	Date/Time:	Company	Received by: 4.1/4.1 Date/Time: ~~2.3/3.3 0.~~ Company 3.6/3.6

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

Cooler Temperature(s) °C and Other Remarks: 1.4, 1.6, 1.3, 2.5, 1.3, 1.2, 1.0, 1.6, 1.5 #2665

Ver: 01/16/2019

3/18/2025

Eurofins Tes[illegible]merica, Savannah
5102 LaRoche Ave.
Savannah, GA 31404
Phone (912) 354-7858 Fax (912) 352-0165

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: ACC D. Johnson, J. Moxy, J. Gobit	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone:	E-Mail: david.fuller@et.eurofinsus.com		Page: 3 of 3
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 #: 68027766			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004			
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-2025S1

Special Instructions/Note: Full APP III and APP IV

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)	App III Metals: B, Ca	Cl, F, SO & TDS (EPA 300 & SM 2540C)	App IV Metals (EPA 6020/7470): Sb,As,Ba,Be,Cd,Cr,Co,Pb,Li,Hg,Mo,Se,Tl	Radium 226 & 228 (SW-846 9315/9320)	Major Ions - Carbonate, Bicarbonate, Total Alkalinity	Major Ions - Sulfide	Major Ions - Iron, Magnesium, Manganese, Potassium, Sodium	Total Number of containers
			Preservation Code:				D	I	D	D	I	B, C	D	
WAN- API-FB-09	02/13/25	1340	G	WQ		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- API-EB-02	02/13/25	1105	G	WQ		N	✓	✓	✓	✓	✓	✓	✓	8
WAN- API-EB-03	02/13/25	1300	G	WQ		N	✓	✓	✓	✓	✓	✓	✓	8
WAN-			G			N								
WAN-			G			N								
WAN-			G			N								
WAN-			G			N								
WAN-			G			N								
WAN-			G			N								
WAN-			G			N								
WAN-			G			N								

2126 64

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	Received by:	Date/Time:	Company
Relinquished by:	02-14-25 1322	ACC		2/14/25 1322	
Relinquished by:	2/15/25			2/15/25 1020	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2.7/2.7	Company

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

Cooler Temperature(s) °C and Other Remarks: 1.4, 1.6, 1.3, 2.5, 1.3, 1.2, 1.0, 1.6, 1.5 IR 2005

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-261943-3

Login Number: 261943

List Source: Eurofins Savannah

List Number: 1

Creator: Faught, Timothy

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

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

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-261943-3

Login Number: 261943
List Number: 2
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 02/18/25 01:17 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.

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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 7/7/2025 7:37:32 PM Revision 1

JOB DESCRIPTION

Plant Wansley - Ash Pond

JOB NUMBER

680-263379-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

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

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

Authorization



Generated
7/7/2025 7:37:32 PM
Revision 1

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

Definitions/Glossary

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

Job ID: 680-263379-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.

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.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control 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

Sample Summary

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

Job ID: 680-263379-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-263379-1	WAN-PZ-32D	Water	04/07/25 13:51	04/09/25 10:29

Job ID: 680-263379-1 — Eurofins Savannah

Job Narrative
680-263379-1

Revision 1
The report being provided is a revision of the original report sent on 4/15/2025. The report (revision 1) is being revised in order to add all required batch QC data for metals method.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The sample was received on 4/9/2025 10:29 AM. 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 1.3°C.

HPLC/IC
Method 300_ORGFM_28D: The following sample was diluted to bring the concentration of target analytes within the calibration range: WAN-PZ-32D (680-263379-1). Elevated reporting limits (RLs) are provided.

Method 300_ORGFM_28D: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 680-880602 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 680-880602 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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
Method 2540C: A lesser volume of sample was used for the following sample due to the nature of the sample matrix resulting in elevated reporting limits: WAN-PZ-32D (680-263379-1),

Method 2540C: The sample duplicate precision for the following sample associated with analytical batch 680-880537 was outside control limits: (680-263379-A-1 DU). The associated Laboratory Control Sample / Laboratory Control Sample Duplicate (LCS/LCSD) precision met acceptance criteria.

Method SM4500_S2_F: The method requirement for no headspace was not met. The following volatile samples were analyzed with headspace in the sample container(s): WAN-PZ-32D (680-263379-1), (680-263382-D-1 MS) and (680-263382-D-1 MSD).

Method SM4500_S2_F: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 680-880773 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.

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

Job ID: 680-263379-1

Client Sample ID: WAN-PZ-32D

Date Collected: 04/07/25 13:51
Date Received: 04/09/25 10:29

Lab Sample ID: 680-263379-1

Matrix: Water

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	700		50	10	mg/L			04/10/25 15:49	50
Fluoride	<2.0		5.0	2.0	mg/L			04/10/25 15:49	50
Sulfate	440		50	20	mg/L			04/10/25 15:49	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	7.2		0.80	0.22	mg/L		04/10/25 05:34	04/15/25 09:42	10
Calcium	340		0.50	0.14	mg/L		04/10/25 05:34	04/10/25 14:40	1
Iron	4.6		0.050	0.012	mg/L		04/10/25 05:34	04/10/25 14:40	1
Lithium	0.14		0.0050	0.0020	mg/L		04/10/25 05:34	04/11/25 11:49	1
Magnesium	54		0.50	0.023	mg/L		04/10/25 05:34	04/10/25 14:40	1
Manganese	5.2		0.0050	0.0022	mg/L		04/10/25 05:34	04/10/25 14:40	1
Potassium	7.0		0.50	0.044	mg/L		04/10/25 05:34	04/10/25 14:40	1
Sodium	73		0.50	0.20	mg/L		04/10/25 05:34	04/10/25 14:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	86		5.0	5.0	mg/L			04/14/25 14:37	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	86		5.0	5.0	mg/L			04/14/25 14:37	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			04/14/25 14:37	1
Total Dissolved Solids (SM 2540C-2011)	1700		40	40	mg/L			04/09/25 15:10	1
Sulfide (SM 4500 S2 F-2011)	<0.83		0.83	0.83	mg/L			04/14/25 11:25	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-880602/2
Matrix: Water
Analysis Batch: 880602

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			04/10/25 11:58	1
Fluoride	<0.040		0.10	0.040	mg/L			04/10/25 11:58	1
Sulfate	<0.40		1.0	0.40	mg/L			04/10/25 11:58	1

Lab Sample ID: LCS 680-880602/3
Matrix: Water
Analysis Batch: 880602

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	9.74		mg/L		97	90 - 110
Fluoride	2.00	1.87		mg/L		93	90 - 110
Sulfate	10.0	9.09		mg/L		91	90 - 110

Lab Sample ID: LCSD 680-880602/4
Matrix: Water
Analysis Batch: 880602

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	11.0		mg/L		110	90 - 110	12	15
Fluoride	2.00	2.11		mg/L		105	90 - 110	12	15
Sulfate	10.0	10.3		mg/L		103	90 - 110	12	15

Lab Sample ID: 752-31366-A-11 MS
Matrix: Water
Analysis Batch: 880602

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	7.6	F1	10.0	19.5		mg/L		119	80 - 120
Fluoride	0.041	J	2.00	2.10		mg/L		103	80 - 120
Sulfate	3.2		10.0	13.4		mg/L		102	80 - 120

Lab Sample ID: 752-31366-A-11 MSD
Matrix: Water
Analysis Batch: 880602

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	7.6	F1	10.0	20.2	E F1	mg/L		125	80 - 120	3	15
Fluoride	0.041	J	2.00	2.16		mg/L		106	80 - 120	3	15
Sulfate	3.2		10.0	13.8		mg/L		106	80 - 120	3	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-880550/1-A
Matrix: Water
Analysis Batch: 880666

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 880550

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		04/10/25 05:34	04/10/25 14:04	1
Calcium	<0.14		0.50	0.14	mg/L		04/10/25 05:34	04/10/25 14:04	1
Iron	<0.012		0.050	0.012	mg/L		04/10/25 05:34	04/10/25 14:04	1

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

Lab Sample ID: MB 680-880550/1-A
Matrix: Water
Analysis Batch: 880666

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 880550

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	<0.023		0.50	0.023	mg/L		04/10/25 05:34	04/10/25 14:04	1
Manganese	<0.0022		0.0050	0.0022	mg/L		04/10/25 05:34	04/10/25 14:04	1
Potassium	<0.044		0.50	0.044	mg/L		04/10/25 05:34	04/10/25 14:04	1
Sodium	<0.20		0.50	0.20	mg/L		04/10/25 05:34	04/10/25 14:04	1

Lab Sample ID: MB 680-880550/1-A
Matrix: Water
Analysis Batch: 880685

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 880550

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0020		0.0050	0.0020	mg/L		04/10/25 05:34	04/11/25 11:28	1

Lab Sample ID: LCS 680-880550/2-A
Matrix: Water
Analysis Batch: 880666

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 880550

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.400	0.404		mg/L		101	80 - 120
Calcium	5.00	5.25		mg/L		105	80 - 120
Iron	5.00	5.25		mg/L		105	80 - 120
Magnesium	5.00	4.77		mg/L		95	80 - 120
Manganese	0.400	0.406		mg/L		101	80 - 120
Potassium	7.00	7.21		mg/L		103	80 - 120
Sodium	5.00	5.25		mg/L		105	80 - 120

Lab Sample ID: LCS 680-880550/2-A
Matrix: Water
Analysis Batch: 880685

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 880550

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.500	0.525		mg/L		105	80 - 120

Lab Sample ID: 752-31395-G-3-B MS
Matrix: Water
Analysis Batch: 880666

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 880550

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.022		0.400	0.392		mg/L		98	75 - 125
Calcium	100		5.00	94.2	4	mg/L		-184	75 - 125
Iron	0.46		5.00	5.21		mg/L		95	75 - 125
Magnesium	3.4		5.00	7.58		mg/L		84	75 - 125
Manganese	0.054		0.400	0.430		mg/L		94	75 - 125
Sodium	390		5.00	348	4	mg/L		-791	75 - 125

Lab Sample ID: 752-31395-G-3-B MS
Matrix: Water
Analysis Batch: 880685

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 880550

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	<0.0020		0.500	0.497		mg/L		99	75 - 125

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: 752-31395-G-3-B MS ^10
Matrix: Water
Analysis Batch: 880666

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 880550

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Potassium	500		7.00	447	4	mg/L		-716	75 - 125

Lab Sample ID: 752-31395-G-3-C MSD
Matrix: Water
Analysis Batch: 880666

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 880550

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.022		0.400	0.397		mg/L		99	75 - 125	1	20
Calcium	100		5.00	98.0	4	mg/L		-109	75 - 125	4	20
Iron	0.46		5.00	5.38		mg/L		98	75 - 125	3	20
Magnesium	3.4		5.00	7.73		mg/L		87	75 - 125	2	20
Manganese	0.054		0.400	0.438		mg/L		96	75 - 125	2	20
Sodium	390		5.00	368	4	mg/L		-389	75 - 125	6	20

Lab Sample ID: 752-31395-G-3-C MSD
Matrix: Water
Analysis Batch: 880685

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 880550

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0020		0.500	0.490		mg/L		98	75 - 125	1	20

Lab Sample ID: 752-31395-G-3-C MSD ^10
Matrix: Water
Analysis Batch: 880666

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 880550

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Potassium	500		7.00	447	4	mg/L		-718	75 - 125	0	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-880876/4
Matrix: Water
Analysis Batch: 880876

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			04/14/25 14:12	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			04/14/25 14:12	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			04/14/25 14:12	1

Lab Sample ID: LCS 680-880876/6
Matrix: Water
Analysis Batch: 880876

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	250	245		mg/L		98	90 - 112

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

Lab Sample ID: LCSD 680-880876/31
Matrix: Water
Analysis Batch: 880876

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3			250	248		mg/L		99	90 - 112	1	30

Lab Sample ID: 680-263379-1 DU
Matrix: Water
Analysis Batch: 880876

Client Sample ID: WAN-PZ-32D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	86			83.9		mg/L				2	30
Bicarbonate Alkalinity as CaCO3	86			83.9		mg/L				2	30
Carbonate Alkalinity as CaCO3	<5.0			<5.0		mg/L				NC	30

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-880537/1
Matrix: Water
Analysis Batch: 880537

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			04/09/25 15:10	1

Lab Sample ID: LCS 680-880537/2
Matrix: Water
Analysis Batch: 880537

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			2440	2390		mg/L		98	80 - 120		

Lab Sample ID: LCSD 680-880537/3
Matrix: Water
Analysis Batch: 880537

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2410		mg/L		99	80 - 120	1	25

Lab Sample ID: 680-263379-1 DU
Matrix: Water
Analysis Batch: 880537

Client Sample ID: WAN-PZ-32D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1700			1800	F3	mg/L				7	5

Method: 4500 S2 F-2011 - Sulfide, Total

Lab Sample ID: MB 680-880773/1
Matrix: Water
Analysis Batch: 880773

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<1.0		1.0	1.0	mg/L			04/14/25 11:24	1

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

Lab Sample ID: LCS 680-880773/2
Matrix: Water
Analysis Batch: 880773

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide			10.0	9.83		mg/L		98	75 - 125		

Lab Sample ID: LCSD 680-880773/3
Matrix: Water
Analysis Batch: 880773

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide			10.0	9.26		mg/L		93	75 - 125	6	30

Lab Sample ID: 680-263382-D-1 MS
Matrix: Water
Analysis Batch: 880773

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		
Sulfide	<0.81	F1	6.94	4.55	F1	mg/L		66	75 - 125		

Lab Sample ID: 680-263382-D-1 MSD
Matrix: Water
Analysis Batch: 880773

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
Sulfide	<0.81	F1	6.94	4.55	F1	mg/L		66	75 - 125	0	30

Lab Sample ID: 680-263379-1 DU
Matrix: Water
Analysis Batch: 880773

Client Sample ID: WAN-PZ-32D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Sulfide	<0.83			<0.81		mg/L				NC	30

QC Association Summary

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

Job ID: 680-263379-1

HPLC/IC

Analysis Batch: 880602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-263379-1	WAN-PZ-32D	Total/NA	Water	300.0-1993 R2.1	
MB 680-880602/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-880602/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-880602/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
752-31366-A-11 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
752-31366-A-11 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 880550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-263379-1	WAN-PZ-32D	Total Recoverable	Water	3005A	
MB 680-880550/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-880550/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
752-31395-G-3-B MS	Matrix Spike	Total Recoverable	Water	3005A	
752-31395-G-3-B MS ^10	Matrix Spike	Total Recoverable	Water	3005A	
752-31395-G-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	
752-31395-G-3-C MSD ^10	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 880666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-263379-1	WAN-PZ-32D	Total Recoverable	Water	6020B	880550
MB 680-880550/1-A	Method Blank	Total Recoverable	Water	6020B	880550
LCS 680-880550/2-A	Lab Control Sample	Total Recoverable	Water	6020B	880550
752-31395-G-3-B MS	Matrix Spike	Total Recoverable	Water	6020B	880550
752-31395-G-3-B MS ^10	Matrix Spike	Total Recoverable	Water	6020B	880550
752-31395-G-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	880550
752-31395-G-3-C MSD ^10	Matrix Spike Duplicate	Total Recoverable	Water	6020B	880550

Analysis Batch: 880685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-263379-1	WAN-PZ-32D	Total Recoverable	Water	6020B	880550
MB 680-880550/1-A	Method Blank	Total Recoverable	Water	6020B	880550
LCS 680-880550/2-A	Lab Control Sample	Total Recoverable	Water	6020B	880550
752-31395-G-3-B MS	Matrix Spike	Total Recoverable	Water	6020B	880550
752-31395-G-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	880550

Analysis Batch: 880830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-263379-1	WAN-PZ-32D	Total Recoverable	Water	6020B	880550

General Chemistry

Analysis Batch: 880537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-263379-1	WAN-PZ-32D	Total/NA	Water	2540C-2011	
MB 680-880537/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-880537/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-880537/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-263379-1 DU	WAN-PZ-32D	Total/NA	Water	2540C-2011	

QC Association Summary

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

Job ID: 680-263379-1

General Chemistry

Analysis Batch: 880773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-263379-1	WAN-PZ-32D	Total/NA	Water	4500 S2 F-2011	
MB 680-880773/1	Method Blank	Total/NA	Water	4500 S2 F-2011	
LCS 680-880773/2	Lab Control Sample	Total/NA	Water	4500 S2 F-2011	
LCSD 680-880773/3	Lab Control Sample Dup	Total/NA	Water	4500 S2 F-2011	
680-263382-D-1 MS	Matrix Spike	Total/NA	Water	4500 S2 F-2011	
680-263382-D-1 MSD	Matrix Spike Duplicate	Total/NA	Water	4500 S2 F-2011	
680-263379-1 DU	WAN-PZ-32D	Total/NA	Water	4500 S2 F-2011	

Analysis Batch: 880876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-263379-1	WAN-PZ-32D	Total/NA	Water	2320B-2011	
MB 680-880876/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-880876/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-880876/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-263379-1 DU	WAN-PZ-32D	Total/NA	Water	2320B-2011	

Lab Chronicle

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

Job ID: 680-263379-1

Client Sample ID: WAN-PZ-32D

Date Collected: 04/07/25 13:51
Date Received: 04/09/25 10:29

Lab Sample ID: 680-263379-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		50	2 mL	2 mL	880602	04/10/25 15:49	AF	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	880550	04/10/25 05:34	RR	EET SAV
Total Recoverable	Analysis	6020B		1			880685	04/11/25 11:49	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	880550	04/10/25 05:34	RR	EET SAV
Total Recoverable	Analysis	6020B		1			880666	04/10/25 14:40	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	880550	04/10/25 05:34	RR	EET SAV
Total Recoverable	Analysis	6020B		10			880830	04/15/25 09:42	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	2320B-2011		1			880876	04/14/25 14:37	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	880537	04/09/25 15:10	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	300 mL	300 mL	880773	04/14/25 11:25	NVF	EET SAV
	Instrument ID: NoEquip									

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-263379-1
Project/Site: Plant Wansley - Ash Pond

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	04-20-25
Georgia	State	E87052	06-30-25

Method Summary

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

Job ID: 680-263379-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
4500 S2 F-2011	Sulfide, Total	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV

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:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Fax (912) 352-0165

Chain of Custody Record

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Client Information	Sampler: 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: 1 of 1
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days): 5-day TAT			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 68027766			
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	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-2025 04 07

Special Instructions/Note: Full APP III and Specified Parameters

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - App. III & Specified Metals (B, Ca; Li, Fe, Mg, Mn, K, Na)	300_ORGFM_28D - Chloride Fluoride Sulfate	2540C - Total Dissolved Solids (TDS)	2320B - Carbonate, Bicarbonate, Total Alkalinity	SM 4500 S2 F - Sulfide	Total Number of containers
			Preservation Code:		X	X	D	N	N	I	B, C	X
WAN-PZ-32D	04/07/25	1351	G	WG	N	N	✓	✓	✓	✓	✓	6

680-263379 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
Taylor Goble	4-8-25 / 0942	ACC		4.9.25 0942	
Relinquished by: Anna Neal	Date/Time: 4-8-25 1247	Company	Received by:	Date/Time: 4-9-25 1029	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: 3.1 #2665 1.3/1.3

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-263379-1

Login Number: 263379
List Number: 1
Creator: Sims, Robert D

List Source: Eurofins Savannah

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

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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

680-263382-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

myEOL

Job Notes

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

Authorization



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

Definitions/Glossary

Client: Southern Company
Job ID: 680-263382-1
Project/Site: Plant Wansley - Ash Pond

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.

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.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control 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

Sample Summary

Client: Southern Company
Job ID: 680-263382-1
Project/Site: Plant Wansley - Ash Pond

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-263382-1	WAN-PZ-33D	Water	04/07/25 15:05	04/09/25 10:29

Job ID: 680-263382-1 — Eurofins Savannah

Job Narrative
680-263382-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The sample was received on 4/9/2025 10:29 AM. 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 1.3°C.

HPLC/IC
Method 300_ORGFM_28D: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 680-880602 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 680-880602 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The following sample was diluted to bring the concentration of target analytes within the calibration range: WAN-PZ-33D (680-263382-1). 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.

Metals
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 sample due to the nature of the sample matrix resulting in elevated reporting limits: WAN-PZ-33D (680-263382-1)

Method SM4500_S2_F: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 680-880773 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.

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

Job ID: 680-263382-1

Client Sample ID: WAN-PZ-33D

Lab Sample ID: 680-263382-1

Date Collected: 04/07/25 15:05

Matrix: Water

Date Received: 04/09/25 10:29

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**530**		50	10	mg/L			04/10/25 15:57	50
Fluoride	<2.0		5.0	2.0	mg/L			04/10/25 15:57	50
Sulfate	**330**		50	20	mg/L			04/10/25 15:57	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**3.3**		0.80	0.22	mg/L		04/10/25 05:34	04/16/25 13:32	10
Calcium	**310**		0.50	0.14	mg/L		04/10/25 05:34	04/10/25 14:38	1
Iron	**3.0**		0.050	0.012	mg/L		04/10/25 05:34	04/10/25 14:38	1
Lithium	**0.091**		0.0050	0.0020	mg/L		04/10/25 05:34	04/11/25 11:46	1
Magnesium	**34**		0.50	0.023	mg/L		04/10/25 05:34	04/10/25 14:38	1
Manganese	**2.2**		0.0050	0.0022	mg/L		04/10/25 05:34	04/10/25 14:38	1
Potassium	**3.4**		0.50	0.044	mg/L		04/10/25 05:34	04/10/25 14:38	1
Sodium	**46**		0.50	0.20	mg/L		04/10/25 05:34	04/10/25 14:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**75**		5.0	5.0	mg/L			04/14/25 15:37	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**75**		5.0	5.0	mg/L			04/14/25 15:37	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			04/14/25 15:37	1
Total Dissolved Solids (SM 2540C-2011)	**1500**		40	40	mg/L			04/09/25 15:10	1
Sulfide (SM 4500 S2 F-2011)	<0.81	F1	0.81	0.81	mg/L			04/14/25 11:25	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-880602/2
Matrix: Water
Analysis Batch: 880602

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			04/10/25 11:58	1
Fluoride	<0.040		0.10	0.040	mg/L			04/10/25 11:58	1
Sulfate	<0.40		1.0	0.40	mg/L			04/10/25 11:58	1

Lab Sample ID: LCS 680-880602/3
Matrix: Water
Analysis Batch: 880602

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	9.74		mg/L		97	90 - 110
Fluoride	2.00	1.87		mg/L		93	90 - 110
Sulfate	10.0	9.09		mg/L		91	90 - 110

Lab Sample ID: LCSD 680-880602/4
Matrix: Water
Analysis Batch: 880602

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	11.0		mg/L		110	90 - 110	12	15
Fluoride	2.00	2.11		mg/L		105	90 - 110	12	15
Sulfate	10.0	10.3		mg/L		103	90 - 110	12	15

Lab Sample ID: 752-31366-A-11 MS
Matrix: Water
Analysis Batch: 880602

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	7.6	F1	10.0	19.5		mg/L		119	80 - 120
Fluoride	0.041	J	2.00	2.10		mg/L		103	80 - 120
Sulfate	3.2		10.0	13.4		mg/L		102	80 - 120

Lab Sample ID: 752-31366-A-11 MSD
Matrix: Water
Analysis Batch: 880602

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	7.6	F1	10.0	20.2	E F1	mg/L		125	80 - 120	3	15
Fluoride	0.041	J	2.00	2.16		mg/L		106	80 - 120	3	15
Sulfate	3.2		10.0	13.8		mg/L		106	80 - 120	3	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-880550/1-A
Matrix: Water
Analysis Batch: 880666

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 880550

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		04/10/25 05:34	04/11/25 07:51	1
Calcium	<0.14		0.50	0.14	mg/L		04/10/25 05:34	04/11/25 07:51	1
Iron	<0.012		0.050	0.012	mg/L		04/10/25 05:34	04/11/25 07:51	1

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

Lab Sample ID: MB 680-880550/1-A
Matrix: Water
Analysis Batch: 880666

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 880550

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	<0.023		0.50	0.023	mg/L		04/10/25 05:34	04/11/25 07:51	1
Manganese	<0.0022		0.0050	0.0022	mg/L		04/10/25 05:34	04/11/25 07:51	1
Potassium	<0.044		0.50	0.044	mg/L		04/10/25 05:34	04/11/25 07:51	1
Sodium	<0.20		0.50	0.20	mg/L		04/10/25 05:34	04/11/25 07:51	1

Lab Sample ID: MB 680-880550/1-A
Matrix: Water
Analysis Batch: 880685

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 880550

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0020		0.0050	0.0020	mg/L		04/10/25 05:34	04/11/25 11:28	1

Lab Sample ID: LCS 680-880550/2-A
Matrix: Water
Analysis Batch: 880666

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 880550

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.400	0.368		mg/L		92	80 - 120
Calcium	5.00	5.04		mg/L		101	80 - 120
Iron	5.00	5.01		mg/L		100	80 - 120
Magnesium	5.00	4.82		mg/L		96	80 - 120
Manganese	0.400	0.398		mg/L		100	80 - 120
Potassium	7.00	6.93		mg/L		99	80 - 120
Sodium	5.00	5.07		mg/L		101	80 - 120

Lab Sample ID: LCS 680-880550/2-A
Matrix: Water
Analysis Batch: 880685

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 880550

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.500	0.525		mg/L		105	80 - 120

Lab Sample ID: 752-31395-G-3-B MS
Matrix: Water
Analysis Batch: 880666

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 880550

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.022		0.400	0.392		mg/L		98	75 - 125
Calcium	100		5.00	94.2	4	mg/L		-184	75 - 125
Iron	0.46		5.00	5.21		mg/L		95	75 - 125
Magnesium	3.4		5.00	7.58		mg/L		84	75 - 125
Manganese	0.054		0.400	0.430		mg/L		94	75 - 125
Potassium	470	E	7.00	419	4	mg/L		-771	75 - 125
Sodium	390		5.00	348	4	mg/L		-791	75 - 125

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

Lab Sample ID: 752-31395-G-3-B MS
Matrix: Water
Analysis Batch: 880685

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 880550

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	<0.0020		0.500	0.497		mg/L		99	75 - 125

Lab Sample ID: 752-31395-G-3-C MSD
Matrix: Water
Analysis Batch: 880666

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 880550

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.022		0.400	0.397		mg/L		99	75 - 125	1	20
Calcium	100		5.00	98.0	4	mg/L		-109	75 - 125	4	20
Iron	0.46		5.00	5.38		mg/L		98	75 - 125	3	20
Magnesium	3.4		5.00	7.73		mg/L		87	75 - 125	2	20
Manganese	0.054		0.400	0.438		mg/L		96	75 - 125	2	20
Potassium	470	E	7.00	444	4	mg/L		-403	75 - 125	6	20
Sodium	390		5.00	368	4	mg/L		-389	75 - 125	6	20

Lab Sample ID: 752-31395-G-3-C MSD
Matrix: Water
Analysis Batch: 880685

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 880550

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0020		0.500	0.490		mg/L		98	75 - 125	1	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-880876/4
Matrix: Water
Analysis Batch: 880876

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			04/14/25 14:12	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			04/14/25 14:12	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			04/14/25 14:12	1

Lab Sample ID: LCS 680-880876/6
Matrix: Water
Analysis Batch: 880876

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	250	245		mg/L		98	90 - 112

Lab Sample ID: LCSD 680-880876/31
Matrix: Water
Analysis Batch: 880876

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3	250	248		mg/L		99	90 - 112	1	30

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

Lab Sample ID: 680-263379-B-1 DU
Matrix: Water
Analysis Batch: 880876

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	86		83.9		mg/L		2	30
Bicarbonate Alkalinity as CaCO3	86		83.9		mg/L		2	30
Carbonate Alkalinity as CaCO3	<5.0		<5.0		mg/L		NC	30

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-880537/1
Matrix: Water
Analysis Batch: 880537

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			04/09/25 15:10	1

Lab Sample ID: LCS 680-880537/2
Matrix: Water
Analysis Batch: 880537

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	2440	2390		mg/L		98	80 - 120

Lab Sample ID: LCSD 680-880537/3
Matrix: Water
Analysis Batch: 880537

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	2440	2410		mg/L		99	80 - 120	1	25

Lab Sample ID: 680-263379-A-1 DU
Matrix: Water
Analysis Batch: 880537

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	1700		1800	F3	mg/L		7	5

Method: 4500 S2 F-2011 - Sulfide, Total

Lab Sample ID: MB 680-880773/1
Matrix: Water
Analysis Batch: 880773

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<1.0		1.0	1.0	mg/L			04/14/25 11:24	1

Lab Sample ID: LCS 680-880773/2
Matrix: Water
Analysis Batch: 880773

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	10.0	9.83		mg/L		98	75 - 125

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

Lab Sample ID: LCSD 680-880773/3
Matrix: Water
Analysis Batch: 880773

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide			10.0	9.26		mg/L		93	75 - 125	6	30

Lab Sample ID: 680-263382-1 MS
Matrix: Water
Analysis Batch: 880773

Client Sample ID: WAN-PZ-33D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide	<0.81	F1	6.94	4.55	F1	mg/L		66	75 - 125		

Lab Sample ID: 680-263382-1 MSD
Matrix: Water
Analysis Batch: 880773

Client Sample ID: WAN-PZ-33D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	<0.81	F1	6.94	4.55	F1	mg/L		66	75 - 125	0	30

Lab Sample ID: 680-263379-E-1 DU
Matrix: Water
Analysis Batch: 880773

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Sulfide	<0.83		<0.81		mg/L		NC	30

HPLC/IC

Analysis Batch: 880602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-263382-1	WAN-PZ-33D	Total/NA	Water	300.0-1993 R2.1	
MB 680-880602/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-880602/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-880602/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
752-31366-A-11 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
752-31366-A-11 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 880550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-263382-1	WAN-PZ-33D	Total Recoverable	Water	3005A	
MB 680-880550/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-880550/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
752-31395-G-3-B MS	Matrix Spike	Total Recoverable	Water	3005A	
752-31395-G-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 880666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-263382-1	WAN-PZ-33D	Total Recoverable	Water	6020B	880550
MB 680-880550/1-A	Method Blank	Total Recoverable	Water	6020B	880550
LCS 680-880550/2-A	Lab Control Sample	Total Recoverable	Water	6020B	880550
752-31395-G-3-B MS	Matrix Spike	Total Recoverable	Water	6020B	880550
752-31395-G-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	880550

Analysis Batch: 880685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-263382-1	WAN-PZ-33D	Total Recoverable	Water	6020B	880550
MB 680-880550/1-A	Method Blank	Total Recoverable	Water	6020B	880550
LCS 680-880550/2-A	Lab Control Sample	Total Recoverable	Water	6020B	880550
752-31395-G-3-B MS	Matrix Spike	Total Recoverable	Water	6020B	880550
752-31395-G-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	880550

Analysis Batch: 880984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-263382-1	WAN-PZ-33D	Total Recoverable	Water	6020B	880550

General Chemistry

Analysis Batch: 880537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-263382-1	WAN-PZ-33D	Total/NA	Water	2540C-2011	
MB 680-880537/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-880537/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-880537/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-263379-A-1 DU	Duplicate	Total/NA	Water	2540C-2011	

Analysis Batch: 880773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-263382-1	WAN-PZ-33D	Total/NA	Water	4500 S2 F-2011	
MB 680-880773/1	Method Blank	Total/NA	Water	4500 S2 F-2011	
LCS 680-880773/2	Lab Control Sample	Total/NA	Water	4500 S2 F-2011	

General Chemistry (Continued)

Analysis Batch: 880773 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 680-880773/3	Lab Control Sample Dup	Total/NA	Water	4500 S2 F-2011	
680-263382-1 MS	WAN-PZ-33D	Total/NA	Water	4500 S2 F-2011	
680-263382-1 MSD	WAN-PZ-33D	Total/NA	Water	4500 S2 F-2011	
680-263379-E-1 DU	Duplicate	Total/NA	Water	4500 S2 F-2011	

Analysis Batch: 880876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-263382-1	WAN-PZ-33D	Total/NA	Water	2320B-2011	
MB 680-880876/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-880876/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-880876/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-263379-B-1 DU	Duplicate	Total/NA	Water	2320B-2011	

Lab Chronicle

Client: Southern Company
Job ID: 680-263382-1
Project/Site: Plant Wansley - Ash Pond

Client Sample ID: WAN-PZ-33D
Lab Sample ID: 680-263382-1
Date Collected: 04/07/25 15:05
Matrix: Water
Date Received: 04/09/25 10:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		50	2 mL	2 mL	880602	04/10/25 15:57	AF	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	880550	04/10/25 05:34	RR	EET SAV
Total Recoverable	Analysis	6020B		1			880685	04/11/25 11:46	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	880550	04/10/25 05:34	RR	EET SAV
Total Recoverable	Analysis	6020B		1			880666	04/10/25 14:38	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	880550	04/10/25 05:34	RR	EET SAV
Total Recoverable	Analysis	6020B		10			880984	04/16/25 13:32	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	2320B-2011		1			880876	04/14/25 15:37	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	880537	04/09/25 15:10	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	310 mL	310 mL	880773	04/14/25 11:25	NVF	EET SAV
	Instrument ID: NoEquip									

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-263382-1
Project/Site: Plant Wansley - Ash Pond

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

Method Summary

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

Job ID: 680-263382-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
4500 S2 F-2011	Sulfide, Total	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV

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:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Fax (912) 352-0165

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: 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: 1 of 1
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days): HOLD per client direction			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 68027766			
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	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-2025_0407

Special Instructions/Note: Full APP III and Specified Parameters

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=Comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=equality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - App. III & Specified Metals (B, Ca; Li, Fe, Mg, Mn, K, Na)	300_ORGFM_28D - Chloride Fluoride Sulfate	2540C - Total Dissolved Solids (TDS)	2320B - Carbonate, Bicarbonate, Total Alkalinity	SM 4500 S2 F - Sulfide	Total Number of containers
			Preservation Code:		X	X	D	N	N	I	B, C	X
WAN-PZ-33D	04/07/25	1505	G	WG	N	N	✓	✓	✓	✓	✓	6

680-263382 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
1	Taylor Hall	4-8-25/0942	ACC		4-8-25 0942	
2	Anna Neal	4-8-25 1247		DM	4-9-25 1029	TR
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:	3-1 # 2665	1.3/1.3

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-263382-1

Login Number: 263382

List Source: Eurofins Savannah

List Number: 1

Creator: Sims, Robert D

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

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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 6/11/2025 11:55:21 AM

JOB DESCRIPTION

Plant Wansley - Ash Pond

JOB NUMBER

680-264577-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

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

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

Authorization



Generated
6/11/2025 11:55:21 AM

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

Definitions/Glossary

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

Job ID: 680-264577-1

Qualifiers

HPLC/IC

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

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.

Glossary

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

Sample Summary

Client: Southern Company
Job ID: 680-264577-1
Project/Site: Plant Wansley - Ash Pond

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-264577-1	WAN-PZ-23D	Water	06/04/25 11:07	06/05/25 09:28

Job ID: 680-264577-1 — Eurofins Savannah

Job Narrative
680-264577-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The sample was received on 6/5/2025 9:28 AM. 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 3.7°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
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-PZ-23D (680-264577-1),

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

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

Job ID: 680-264577-1

Client Sample ID: WAN-PZ-23D
Date Collected: 06/04/25 11:07
Date Received: 06/05/25 09:28

Lab Sample ID: 680-264577-1
Matrix: Water

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11	F1	1.0	0.20	mg/L			06/09/25 15:12	1
Fluoride	2.8		0.10	0.040	mg/L			06/09/25 15:12	1
Sulfate	58		1.0	0.40	mg/L			06/09/25 15:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.38		0.080	0.022	mg/L		06/06/25 04:59	06/06/25 14:52	1
Calcium	33		0.50	0.14	mg/L		06/06/25 04:59	06/06/25 14:52	1
Lithium	0.065		0.0050	0.0020	mg/L		06/06/25 04:59	06/09/25 13:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	69		5.0	5.0	mg/L			06/09/25 16:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	69		5.0	5.0	mg/L			06/09/25 16:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<5.0		5.0	5.0	mg/L			06/09/25 16:10	1
Total Dissolved Solids (SM 2540C-2011)	190		40	40	mg/L			06/09/25 13:11	1
Sulfide (SM 4500 S2 F-2011)	<0.81		0.81	0.81	mg/L			06/09/25 14:00	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-883377/2
Matrix: Water
Analysis Batch: 883377

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			06/09/25 11:57	1
Fluoride	<0.040		0.10	0.040	mg/L			06/09/25 11:57	1
Sulfate	<0.40		1.0	0.40	mg/L			06/09/25 11:57	1

Lab Sample ID: LCS 680-883377/3
Matrix: Water
Analysis Batch: 883377

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	10.9		mg/L		109	90 - 110		
Fluoride			2.00	2.17		mg/L		108	90 - 110		
Sulfate			10.0	10.7		mg/L		107	90 - 110		

Lab Sample ID: LCSD 680-883377/4
Matrix: Water
Analysis Batch: 883377

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			10.0	10.7		mg/L		107	90 - 110	1	15
Fluoride			2.00	2.03		mg/L		102	90 - 110	6	15
Sulfate			10.0	10.7		mg/L		107	90 - 110	0	15

Lab Sample ID: 680-264577-1 MS
Matrix: Water
Analysis Batch: 883377

Client Sample ID: WAN-PZ-23D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	11	F1	10.0	23.6	E F1	mg/L		131	80 - 120		
Fluoride	2.8		2.00	4.87		mg/L		106	80 - 120		
Sulfate	58		10.0	71.2	E 4	mg/L		136	80 - 120		

Lab Sample ID: 680-264577-1 MSD
Matrix: Water
Analysis Batch: 883377

Client Sample ID: WAN-PZ-23D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	11	F1	10.0	23.4	E F1	mg/L		129	80 - 120	1	15
Fluoride	2.8		2.00	4.96		mg/L		111	80 - 120	2	15
Sulfate	58		10.0	73.8	E 4	mg/L		163	80 - 120	4	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-883280/1-A
Matrix: Water
Analysis Batch: 883361

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 883280

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		06/05/25 13:28	06/06/25 14:29	1
Calcium	<0.14		0.50	0.14	mg/L		06/05/25 13:28	06/06/25 14:29	1

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

Lab Sample ID: MB 680-883280/1-A
Matrix: Water
Analysis Batch: 883415

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 883280

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0020		0.0050	0.0020	mg/L		06/05/25 13:28	06/09/25 13:39	1

Lab Sample ID: LCS 680-883280/2-A
Matrix: Water
Analysis Batch: 883361

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 883280

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.400	0.410		mg/L		102	80 - 120
Calcium	5.00	5.28		mg/L		106	80 - 120

Lab Sample ID: LCS 680-883280/2-A
Matrix: Water
Analysis Batch: 883415

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 883280

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.500	0.543		mg/L		109	80 - 120

Lab Sample ID: 680-264567-G-1-B MS
Matrix: Water
Analysis Batch: 883361

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 883280

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.2		0.400	1.62		mg/L		112	75 - 125
Calcium	66		5.00	73.3	4	mg/L		139	75 - 125

Lab Sample ID: 680-264567-G-1-B MS
Matrix: Water
Analysis Batch: 883415

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 883280

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.049		0.500	0.587		mg/L		108	75 - 125

Lab Sample ID: 680-264567-G-1-C MSD
Matrix: Water
Analysis Batch: 883361

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 883280

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	1.2		0.400	1.65		mg/L		120	75 - 125	2	20
Calcium	66		5.00	72.7	4	mg/L		126	75 - 125	1	20

Lab Sample ID: 680-264567-G-1-C MSD
Matrix: Water
Analysis Batch: 883415

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 883280

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	0.049		0.500	0.576		mg/L		105	75 - 125	2	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-883439/4
Matrix: Water
Analysis Batch: 883439

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			06/09/25 15:44	1
Bicarbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			06/09/25 15:44	1
Carbonate Alkalinity as CaCO3	<5.0		5.0	5.0	mg/L			06/09/25 15:44	1

Lab Sample ID: LCS 680-883439/6
Matrix: Water
Analysis Batch: 883439

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			250	251		mg/L		100	90 - 112		

Lab Sample ID: LCSD 680-883439/31
Matrix: Water
Analysis Batch: 883439

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3			250	259		mg/L		104	90 - 112	3	30

Lab Sample ID: 680-264577-1 DU
Matrix: Water
Analysis Batch: 883439

Client Sample ID: WAN-PZ-23D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	69			68.5		mg/L				0.4	30
Bicarbonate Alkalinity as CaCO3	69			68.5		mg/L				0.4	30
Carbonate Alkalinity as CaCO3	<5.0			<5.0		mg/L				NC	30

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-883386/1
Matrix: Water
Analysis Batch: 883386

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			06/09/25 13:11	1

Lab Sample ID: LCS 680-883386/2
Matrix: Water
Analysis Batch: 883386

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			2440	2400		mg/L		98	80 - 120		

Lab Sample ID: LCSD 680-883386/3
Matrix: Water
Analysis Batch: 883386

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2420		mg/L		99	80 - 120	1	25

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C) (Continued)

Lab Sample ID: 680-264628-B-1 DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 883386

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	460		436		mg/L		4	5

Method: 4500 S2 F-2011 - Sulfide, Total

Lab Sample ID: MB 680-883394/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 883394

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<1.0		1.0	1.0	mg/L			06/09/25 14:00	1

Lab Sample ID: LCS 680-883394/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 883394

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	10.0	9.02		mg/L		90	75 - 125

Lab Sample ID: LCSD 680-883394/3 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 883394

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	10.0	9.18		mg/L		92	75 - 125	2	30

Lab Sample ID: 680-264577-1 MS — **Client Sample ID: WAN-PZ-23D**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 883394

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	<0.81		6.50	7.67		mg/L		118	75 - 125

Lab Sample ID: 680-264577-1 MSD — **Client Sample ID: WAN-PZ-23D**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 883394

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	<0.81		6.50	7.67		mg/L		118	75 - 125	0	30

Lab Sample ID: 680-264559-D-6 DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 883394

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Sulfide	<0.96		<0.96		mg/L		NC	30

HPLC/IC

Analysis Batch: 883377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-264577-1	WAN-PZ-23D	Total/NA	Water	300.0-1993 R2.1	
MB 680-883377/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-883377/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-883377/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-264577-1 MS	WAN-PZ-23D	Total/NA	Water	300.0-1993 R2.1	
680-264577-1 MSD	WAN-PZ-23D	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 883280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-264577-1	WAN-PZ-23D	Total Recoverable	Water	3005A	
MB 680-883280/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-883280/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-264567-G-1-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-264567-G-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 883361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-264577-1	WAN-PZ-23D	Total Recoverable	Water	6020B	883280
MB 680-883280/1-A	Method Blank	Total Recoverable	Water	6020B	883280
LCS 680-883280/2-A	Lab Control Sample	Total Recoverable	Water	6020B	883280
680-264567-G-1-B MS	Matrix Spike	Total Recoverable	Water	6020B	883280
680-264567-G-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	883280

Analysis Batch: 883415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-264577-1	WAN-PZ-23D	Total Recoverable	Water	6020B	883280
MB 680-883280/1-A	Method Blank	Total Recoverable	Water	6020B	883280
LCS 680-883280/2-A	Lab Control Sample	Total Recoverable	Water	6020B	883280
680-264567-G-1-B MS	Matrix Spike	Total Recoverable	Water	6020B	883280
680-264567-G-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	883280

General Chemistry

Analysis Batch: 883386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-264577-1	WAN-PZ-23D	Total/NA	Water	2540C-2011	
MB 680-883386/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-883386/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-883386/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-264628-B-1 DU	Duplicate	Total/NA	Water	2540C-2011	

Analysis Batch: 883394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-264577-1	WAN-PZ-23D	Total/NA	Water	4500 S2 F-2011	
MB 680-883394/1	Method Blank	Total/NA	Water	4500 S2 F-2011	
LCS 680-883394/2	Lab Control Sample	Total/NA	Water	4500 S2 F-2011	
LCSD 680-883394/3	Lab Control Sample Dup	Total/NA	Water	4500 S2 F-2011	
680-264577-1 MS	WAN-PZ-23D	Total/NA	Water	4500 S2 F-2011	
680-264577-1 MSD	WAN-PZ-23D	Total/NA	Water	4500 S2 F-2011	
680-264559-D-6 DU	Duplicate	Total/NA	Water	4500 S2 F-2011	

QC Association Summary

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

Job ID: 680-264577-1

General Chemistry

Analysis Batch: 883439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-264577-1	WAN-PZ-23D	Total/NA	Water	2320B-2011	
MB 680-883439/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-883439/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-883439/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-264577-1 DU	WAN-PZ-23D	Total/NA	Water	2320B-2011	

Lab Chronicle

Client: Southern Company
Job ID: 680-264577-1
Project/Site: Plant Wansley - Ash Pond

Client Sample ID: WAN-PZ-23D
Lab Sample ID: 680-264577-1

Date Collected: 06/04/25 11:07
Matrix: Water
Date Received: 06/05/25 09:28

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	883377	06/09/25 15:12	TD	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	883280	06/06/25 04:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			883361	06/06/25 14:52	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	883280	06/06/25 04:59	RR	EET SAV
Total Recoverable	Analysis	6020B		1			883415	06/09/25 13:52	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Analysis	2320B-2011		1			883439	06/09/25 16:10	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	883386	06/09/25 13:11	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	4500 S2 F-2011		1	310 mL	310 mL	883394	06/09/25 14:00	NVF	EET SAV
	Instrument ID: NoEquip									

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-264577-1
Project/Site: Plant Wansley - Ash Pond

Laboratory: Eurofins Savannah

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

Method Summary

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

Job ID: 680-264577-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
4500 S2 F-2011	Sulfide, Total	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV

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:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Fax (912) 352-0165

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Joshua 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): 5-day TAT			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 68027766			
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-2025 0004

Special Instructions/Note: Full APP III and Specified Parameters

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - App. III & Specified Metals (B, Ca; Li)	300_ORGFM_28D - Chloride Fluoride Sulfate	2540C - Total Dissolved Solids (TDS)	2320B - Carbonate, Bicarbonate, Total Alkalinity	SM 4500 S2 F - Sulfide	Total Number of containers
			Preservation Code:				D	N	N	I	B, C	
WAN-PZ-23D	06-04-25	1107	G	WG	N	N	X	X	X	X	X	6

680-264577 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
1		06-04-25 1346	ACC		6.4.25 1346	
2		6/4/25 1700			6.5.25 928	
3						

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

Cooler Temperature(s) °C and Other Remarks: 0.9 # 2665 C1 3.7/3.7

Ver: 01/16/2019

6/11/2025

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-264577-1

Login Number: 264577

List Source: Eurofins Savannah

List Number: 1

Creator: Sims, Robert D

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

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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 11/21/2025 11:08:36 AM Revision 3

JOB DESCRIPTION

Plant Wansley Ash Pond

JOB NUMBER

705-39776-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

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

Authorization



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11/21/2025 11:08:36 AM
Revision 3

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: 705-39776-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-39776-1	WAN-WGWA-3	Water	08/12/25 09:50	08/13/25 15:20	Georgia
705-39776-2	WAN-WGWA-18	Water	08/12/25 10:32	08/13/25 15:20	Georgia
705-39776-3	WAN-WGWA-4	Water	08/12/25 11:15	08/13/25 15:20	Georgia
705-39776-4	WAN-WGWA-6	Water	08/12/25 13:35	08/13/25 15:20	Georgia
705-39776-5	WAN-WGWA-1	Water	08/12/25 15:30	08/13/25 15:20	Georgia
705-39776-6	WAN-WGWA-2	Water	08/12/25 12:50	08/13/25 15:20	Georgia
705-40192-1	WAN-WGWA-7	Water	08/13/25 10:00	08/15/25 16:02	Georgia
705-40192-2	WAN-WGWC-25	Water	08/13/25 11:45	08/15/25 16:02	Georgia
705-40192-3	WAN-WGWC-17	Water	08/13/25 12:20	08/15/25 16:02	Georgia
705-40192-4	WAN-WGWC-15	Water	08/13/25 14:05	08/15/25 16:02	Georgia
705-40192-5	WAN-PZ-31	Water	08/13/25 14:10	08/15/25 16:02	Georgia
705-40192-6	WAN-PZ-26D	Water	08/13/25 16:00	08/15/25 16:02	Georgia
705-40192-7	WAN-AP1-EB-01	Water	08/13/25 16:30	08/15/25 16:02	Georgia
705-40192-8	WAN-WGWC-8	Water	08/14/25 15:23	08/15/25 16:02	Georgia
705-40192-9	WAN-WGWC-13	Water	08/14/25 10:00	08/15/25 16:02	Georgia
705-40192-10	WAN-WGWC-14A	Water	08/14/25 14:20	08/15/25 16:02	Georgia
705-40192-11	WAN-WGWC-16	Water	08/14/25 09:38	08/15/25 16:02	Georgia
705-40192-12	WAN-WGWC-19	Water	08/14/25 16:44	08/15/25 16:02	Georgia
705-40192-13	WAN-WGWC-20	Water	08/14/25 11:00	08/15/25 16:02	Georgia
705-40192-14	WAN-WGWC-28D	Water	08/14/25 12:36	08/15/25 16:02	Georgia
705-40192-15	WAN-WAMW-1	Water	08/14/25 16:25	08/15/25 16:02	Georgia
705-40192-16	WAN-AP1-FD-01	Water	08/14/25 00:00	08/15/25 16:02	Georgia
705-40192-17	WAN-AP1-FD-02	Water	08/14/25 00:00	08/15/25 16:02	Georgia
705-40192-18	WAN-AP1-FB-07	Water	08/14/25 10:40	08/15/25 16:02	Georgia
705-40192-19	WAN-AP1-EB-02	Water	08/14/25 13:00	08/15/25 16:02	Georgia
705-40192-20	WAN-WGWC-12	Water	08/15/25 12:09	08/15/25 16:02	Georgia
705-40516-1	WAN-WGWC-11	Water	08/18/25 12:09	08/20/25 09:40	Georgia
705-40516-2	WAN-WGWC-27	Water	08/18/25 15:17	08/20/25 09:40	Georgia
705-40516-3	WAN-AP1-FB-08	Water	08/18/25 12:40	08/20/25 09:40	Georgia
705-40516-4	WAN-WGWC-24	Water	08/18/25 16:02	08/20/25 09:40	Georgia
705-40516-5	WAN-WGWC-22	Water	08/18/25 16:49	08/20/25 09:40	Georgia
705-40516-6	WAN-AP1-FD-03	Water	08/18/25 00:00	08/20/25 09:40	Georgia
705-40516-7	WAN-AP1-EB-03	Water	08/18/25 16:45	08/20/25 09:40	Georgia
705-40516-8	WAN-WGWC-21	Water	08/19/25 10:31	08/20/25 09:40	Georgia
705-40516-9	WAN-AP1-FB-09	Water	08/19/25 11:00	08/20/25 09:40	Georgia
705-40516-10	WAN-WGWC-10	Water	08/19/25 14:02	08/20/25 09:40	Georgia
705-40516-11	WAN-WGWC-23	Water	08/19/25 15:49	08/20/25 09:40	Georgia
705-40516-12	WAN-PZ-32D	Water	08/19/25 14:18	08/20/25 09:40	Georgia
705-40516-13	WAN-AP1-FB-14	Water	08/19/25 16:35	08/20/25 09:40	Georgia
705-40516-14	WAN-WAMW-2	Water	08/19/25 15:52	08/20/25 09:40	Georgia
705-40516-15	WAN-AP1-FD-08	Water	08/19/25 00:00	08/20/25 09:40	Georgia
705-40516-16	WAN-WGWC-9	Water	08/19/25 17:04	08/20/25 09:40	Georgia
705-40516-17	WAN-PZ-33D	Water	08/19/25 16:54	08/20/25 09:40	Georgia

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: ACC	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-994-5948	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	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Task_Code: WAN-CCR-ASSMT-2025S2

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- WGWA-3	08/12/25	0950	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWA-18	08/12/25	1032	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWA-4	08/12/25	1115	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWA-6	08/12/25	1335	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWA-1	08/12/25	1530	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWA-2	08/12/25	1250	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										

705-39776 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:

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	08/13/25 1000	ACC		08/13/25 1000	ACC
Relinquished by:	08/13/25 1312	ACC		8.13.25 1314	
Relinquished by:					

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 0.2, 0.4 MS Blk #2665

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

Chain of Custody Record

eurofins | Environment Testing America

705-40192 COC

Client Information

Client Contact: SCS Contacts	Sampler: D. Schreier ACC C. Nicamble	Lab PM: David Fuller / Phone: 770-344-8986	Car
Company: GA Power	Phone:	E-Mail: David.Fuller@ET.EurofinsUS.com	COC No: 1 of 2 (03)
Address: 241 Ralph McGill Blvd SE	Due Date Requested:		Page: 1 of 2
City: Atlanta	TAT Requested (days):		Job #:
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	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-ASSMT-2025S2

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- WGWA-7	08/13/25	1000	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-25	08/13/25	1145	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-17	08/13/25	1220	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-15	08/13/25	1405	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- PZ-31	08/13/25	1410	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- PZ-26D	08/13/25	1600	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- API-EB-01	08/13/25	1630	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-8	08/14/25	1523	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-13	08/14/25	1000	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-14A	08/14/25	1420	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-16	08/14/25	0938	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 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: 8/15/25 @ 1600	Company ACC	Received by:	Date/Time: 08/15/25 1602	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 2.1, 2.0, 1.9, 1.8 #2665

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: D. Jennsen ACC / C. Kiumme	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	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:		X	X	I	I	D	D	D	D	D	D	D	X
WAN- WGWC-19	08/14/25	1644	G	WG	~	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-20	08/14/25	1100	G	WG	~	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-28D	08/14/25	1236	G	WG	~	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WAMW-1	08/14/25	1625	G	WG	~	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- API-FD-01	08/14/25	—	G	WG	~	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- API-FD-02	08/14/25	—	G	WG	~	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- API-FB-07	08/14/25	1040	G	WQ	~	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- API-EB-02	08/14/25	1300	G	WQ	~	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-12	08/15/25	1209	G	WG	~	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN-			G			N										
WAN-			G			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-ASSMT-2025S2

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]	8/15/25 @ 1601	ACC	[signature]	08/15/25 1602	
	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: 2.1, 2.0, 1.9, 1.8 #2965

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: ACC T. Goble/H. Avid	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	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-ASSMT-2025S2

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-11	08/18/25	1209	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-27	08/18/25	1517	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- API-FB-08	08/19/25	1240	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-24	08/18/25	1602	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-22	08/18/25	1649	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- API-FD-03	08/18/25	—	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- API-FB-03	08/18/25	1645	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-21	08/19/25	1031	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- API-FB-09	08/19/25	1100	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-10	08/19/25	1402	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-23	08/19/25	1549	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5

705-40516 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:

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	8-20-25/0730	ACC		8/20/25 0730	ACC
Relinquished by:	8/20/25 0940	ACC		8/20/25 9:40	
Relinquished by:					

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.2, 0.2, 0.4, 0.5 #2665

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: T. Goode / H. Auld (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	Address: 241 Ralph McGill Blvd SE	City: Atlanta	State, Zip: GA, 30308	Phone: 404-506-7116(Tel)	Email: SCS Contacts / Geosyntec Contacts	Project Name: Plant Wansley Ash Pond	Site:
Due Date Requested:	TAT Requested (days):	Lab Project #: 70504536	PO #: GPC82130-0004 / PO Line #1	Project #:	SSOW#:		

Analysis Requested

Job #:

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-ASSMT-2025S2

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- PZ-32D	08/19/25	1418	G	WG	N	N	✓	✓	✓		✓					3	
WAN- API-FB-14	08/19/25	1635	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	
WAN- WAMW-2	08/19/25	1552	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	
WAN- API-FD-08	08/19/25	—	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	
WAN- WGWC-9	08/19/25	1704	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	
WAN- PZ-33D	08/19/25	1654	G	WG	N	N	✓	✓	✓	TG	✓	TG	TG	TG	TG	TG 5	3
WAN-			G			N											
WAN-			G			N											
WAN-			G			N											
WAN-			G			N											
WAN-			G			N											

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

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

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

Special Instructions/QC Requirements: CR

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Tyler Goode	8-20-25/0730	ACC	Sam Jones	8/20/25 0730	ACC
2	Sam Jones	8/20/25 0940	ACC	Kirk	8/20/25 9:40	
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Cooler Temperature(s) °C and Other Remarks: 0.2, 0.2, 0.4, 0.5 #2665

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-39776-1

Login Number: 39776
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: 705-39776-1

Login Number: 40192
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: 705-39776-1

Login Number: 40516
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.

Definitions/Glossary

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

Job ID: 705-39776-1

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.
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 ID: 705-39776-1 — Eurofins Atlanta

Job Narrative
705-39776-1

Revision 3
The report being provided is a revision of the original report sent on 9/10/2025. The report is being revised again in order to correct the Job Narrative statement regarding the number of samples that were affected by the CCV for Mercury.

Report revision history
Revision 1 - 9/25/2025 - Reason - in order to correct the initial sample volume amount used in metals prep batch 77076 for Metals 6010D which resulted with incorrect final results calculation. Seventeen samples affected: 705-40516-1 to 705-40516-17.

Revision 2 - 10/22/2025 - Reason - in order to add the narrative statement regarding one of the mercury continuing calibration verifications (CCVs).

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 8/13/2025 3:20 PM, 8/15/2025 4:02 PM and 8/20/2025 9:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 9 coolers at receipt time were 0.2°C, 0.2°C, 0.4°C, 0.4°C, 0.5°C, 1.8°C, 1.9°C, 2.0°C and 2.1°C.

HPLC/IC
Method 300_ORGFM_28D: The following sample was diluted due to the nature of the sample matrix: WAN-WGWA-4 (705-39776-3). Elevated reporting limits (RLs) are provided.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 705-77474 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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 705-76261 and analytical batch 705-76659 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.

Method 7470A: The continuing calibration verification (CCV) associated with batch 705-80060 recovered above the upper control limit for Mercury. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: WAN-WGWC-23 (705-40516-11), WAN-AP1-FB-14 (705-40516-13), WAN-WAMW-2 (705-40516-14), WAN-AP1-FD-08 (705-40516-15), and WAN-WGWC-9 (705-40516-16).

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: 705-39776-1

Client Sample ID: WAN-WGWA-3 — Lab Sample ID: 705-39776-1

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
Calcium	1.8		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.014		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	38		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWA-18 — Lab Sample ID: 705-39776-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.2	F1	1.0	0.98	mg/L	1		300.0	Total/NA
Sulfate	6.0		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	6.6		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.012		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	62		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWA-4 — Lab Sample ID: 705-39776-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	8.7		5.0	3.8	mg/L	5		300.0	Total/NA
Calcium	16		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	0.0057	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	110		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWA-6 — Lab Sample ID: 705-39776-4

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
Sulfate	6.3		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	26		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0058	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.0072	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	130		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWA-1 — Lab Sample ID: 705-39776-5

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
Calcium	1.3		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	0.046		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.00043	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	41		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWA-2 — Lab Sample ID: 705-39776-6

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
Sulfate	1.4		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	12		0.10	0.038	mg/L	1		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample ID: WAN-WGWA-2 (Continued) — Lab Sample ID: 705-39776-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0082	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.025		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	120		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWA-7 — Lab Sample ID: 705-40192-1

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
Calcium	1.1		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.012		0.010	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-WGWC-25 — Lab Sample ID: 705-40192-2

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
Sulfate	4.2		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.74		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	19		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0040	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.25		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0097		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	280		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-17 — Lab Sample ID: 705-40192-3

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	0.22		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	3.8		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	6.4		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0060	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.011		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0030	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	86		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-15 — Lab Sample ID: 705-40192-4

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	0.74		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	0.010	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.033		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0023	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	150		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: 705-39776-1

Client Sample ID: WAN-PZ-31 — Lab Sample ID: 705-40192-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.9		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.20		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	1.6		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.064		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.00075	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	39		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-PZ-26D — Lab Sample ID: 705-40192-6

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	0.33		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	41		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.074	J	0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	18		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.037		0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.031		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0086		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0027	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	180		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-EB-01 — Lab Sample ID: 705-40192-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.14	J	0.20	0.081	mg/L	1		300.0	Total/NA

Client Sample ID: WAN-WGWC-8 — Lab Sample ID: 705-40192-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	120		5.0	4.9	mg/L	5		300.0	Total/NA
Fluoride	1.0		1.0	0.40	mg/L	5		300.0	Total/NA
Sulfate	260		10	7.7	mg/L	10		300.0	Total/NA
Boron	3.1		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	97		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.020		0.020	0.0037	mg/L	1		6010D	Total/NA
Antimony	0.0029	J	0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Barium	0.0021	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.0019		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cadmium	0.00034	J	0.00070	0.00024	mg/L	1		6020B	Total Recoverable
Selenium	0.0062		0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	740		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: 705-39776-1

Client Sample ID: WAN-WGWC-13 — Lab Sample ID: 705-40192-9

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	0.26		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
Calcium	3.6		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.041		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0011	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	90		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-14A — Lab Sample ID: 705-40192-10

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	0.20		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	0.80	J	1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	0.70		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.027		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0014	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	27		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-16 — Lab Sample ID: 705-40192-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	26		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.23		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	38		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.56		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	17		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	0.039		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	120		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-19 — Lab Sample ID: 705-40192-12

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	0.45		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	12		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.070		0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.0015	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0022	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	88		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-20 — Lab Sample ID: 705-40192-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	180		5.0	4.9	mg/L	5		300.0	Total/NA
Fluoride	2.4		1.0	0.40	mg/L	5		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample ID: WAN-WGWC-20 (Continued) — Lab Sample ID: 705-40192-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	380		10	7.7	mg/L	10		300.0	Total/NA
Boron	4.0		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	160		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.20		0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.00049	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.0089		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Molybdenum	0.00088	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Selenium	0.0032	J	0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	930		20	20	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-28D — Lab Sample ID: 705-40192-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	930		20	20	mg/L	20		300.0	Total/NA
Fluoride	1.3		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	720		20	15	mg/L	20		300.0	Total/NA
Boron	15		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	550		1.0	0.38	mg/L	10		6010D	Total/NA
Lithium	0.47		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	0.0015		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0082		0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Selenium	0.0066		0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	3600		40	40	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WAMW-1 — Lab Sample ID: 705-40192-15

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	0.56		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	4.3		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	22		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.045		0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.0048	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0020	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0023	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	140		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-FD-01 — Lab Sample ID: 705-40192-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	26		1.0	0.98	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: WAN-AP1-FD-01 (Continued) — Lab Sample ID: 705-40192-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.25		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	38		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.57		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	17		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.039		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	140		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-FD-02 — Lab Sample ID: 705-40192-17

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	0.46		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	21		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.043		0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.0043	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0018	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0023	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	130		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-FB-07 — Lab Sample ID: 705-40192-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.16	J	0.20	0.081	mg/L	1		300.0	Total/NA

Client Sample ID: WAN-AP1-EB-02 — Lab Sample ID: 705-40192-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.16	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	0.052	J	0.10	0.038	mg/L	1		6010D	Total/NA

Client Sample ID: WAN-WGWC-12 — Lab Sample ID: 705-40192-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.6		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.22		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	13		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	15		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0069	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.018		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Molybdenum	0.00075	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	100		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-11 — Lab Sample ID: 705-40516-1

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	0.17	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.5		1.0	0.77	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: WAN-WGWC-11 (Continued) — Lab Sample ID: 705-40516-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	1.6		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.050		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.00043	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Thallium	0.00049	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-27 — Lab Sample ID: 705-40516-2

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	0.92		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	20		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	0.031	F1	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.0025	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.0010		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.0014	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	130		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-FB-08 — Lab Sample ID: 705-40516-3

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

Client Sample ID: WAN-WGWC-24 — Lab Sample ID: 705-40516-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	15		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
Sulfate	35		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.42		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	11		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0040	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.042		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.0017		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.020		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Thallium	0.00027	J	0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	110		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-22 — Lab Sample ID: 705-40516-5

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	0.34		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-22 (Continued) — Lab Sample ID: 705-40516-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	54		5.0	3.8	mg/L	5		300.0	Total/NA
Boron	0.29		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	12		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	0.018		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00065	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Selenium	0.0025	J	0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	160		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-FD-03 — Lab Sample ID: 705-40516-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	15		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
Sulfate	35		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.43		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	12		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0045	J	0.020	0.0037	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
Cobalt	0.020		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Thallium	0.00028	J	0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	100		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-EB-03 — Lab Sample ID: 705-40516-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.16	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	0.039	J	0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.00043	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable

Client Sample ID: WAN-WGWC-21 — Lab Sample ID: 705-40516-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	56		20	20	mg/L	20		300.0	Total/NA
Fluoride	2.0		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	320		20	15	mg/L	20		300.0	Total/NA
Boron	0.10		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	60		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.11		0.020	0.0037	mg/L	1		6010D	Total/NA
Antimony	0.0032	J	0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Barium	0.0033	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00041	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: WAN-WGWC-21 (Continued) — Lab Sample ID: 705-40516-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Molybdenum	0.032		0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	700		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-FB-09 — Lab Sample ID: 705-40516-9

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

Client Sample ID: WAN-WGWC-10 — Lab Sample ID: 705-40516-10

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	0.30		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	7.8		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	0.032		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	42		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-23 — Lab Sample ID: 705-40516-11

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	0.18	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	6.5		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	2.8		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.0067	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.0010		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	76		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-PZ-32D — Lab Sample ID: 705-40516-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	490		10	9.8	mg/L	10		300.0	Total/NA
Fluoride	2.8		2.0	0.81	mg/L	10		300.0	Total/NA
Sulfate	290		10	7.7	mg/L	10		300.0	Total/NA
Boron	4.3		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	290		1.0	0.38	mg/L	10		6010D	Total/NA
Lithium	0.18		0.020	0.0037	mg/L	1		6010D	Total/NA
Total Dissolved Solids	1800		20	20	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-FB-14 — Lab Sample ID: 705-40516-13

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

Client Sample ID: WAN-WAMW-2 — Lab Sample ID: 705-40516-14

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
Fluoride	0.44		0.20	0.081	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: WAN-WAMW-2 (Continued) — Lab Sample ID: 705-40516-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	6.7		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	18		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.029		0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.0066	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	110		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-FD-08 — Lab Sample ID: 705-40516-15

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	0.41		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	6.7		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	17		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.028		0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.0063	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	110		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-9 — Lab Sample ID: 705-40516-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.4		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.90		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	47		10	7.7	mg/L	10		300.0	Total/NA
Boron	0.55		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	10		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.035		0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.00049	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00037	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0024	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Selenium	0.0026	J	0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	150		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-PZ-33D — Lab Sample ID: 705-40516-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	520		20	20	mg/L	20		300.0	Total/NA
Fluoride	2.4		2.0	0.81	mg/L	10		300.0	Total/NA
Sulfate	310		10	7.7	mg/L	10		300.0	Total/NA
Boron	5.8		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	320		1.0	0.38	mg/L	10		6010D	Total/NA
Lithium	0.16		0.020	0.0037	mg/L	1		6010D	Total/NA
Total Dissolved Solids	2000		20	20	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: WAN-WGWA-3

Lab Sample ID: 705-39776-1

Date Collected: 08/12/25 09:50

Matrix: Water

Date Received: 08/13/25 15:20

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			08/26/25 17:46	1
Fluoride	<0.081	F1	0.20	0.081	mg/L			08/26/25 17:46	1
Sulfate	<0.77		1.0	0.77	mg/L			08/26/25 17:46	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/20/25 12:12	08/20/25 21:58	1
Calcium	**1.8**		0.10	0.038	mg/L		08/20/25 12:12	08/20/25 21:58	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/20/25 12:12	08/21/25 11:21	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		08/21/25 10:30	08/21/25 21:33	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/21/25 10:30	08/21/25 21:33	1
Barium	**0.014**		0.010	0.00041	mg/L		08/21/25 10:30	08/21/25 21:33	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/21/25 10:30	08/21/25 21:33	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/21/25 10:30	08/21/25 21:33	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/21/25 10:30	08/21/25 21:33	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/21/25 10:30	08/21/25 21:33	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/21/25 10:30	08/21/25 21:33	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/21/25 10:30	08/21/25 21:33	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/21/25 10:30	08/21/25 21:33	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/21/25 10:30	08/21/25 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		08/22/25 09:26	08/22/25 14:43	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			08/15/25 10:45	1

Client Sample ID: WAN-WGWA-18

Lab Sample ID: 705-39776-2

Date Collected: 08/12/25 10:32

Matrix: Water

Date Received: 08/13/25 15:20

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.2**	**F1**	1.0	0.98	mg/L			08/26/25 11:29	1
Fluoride	<0.081	F1	0.20	0.081	mg/L			08/26/25 11:29	1
Sulfate	**6.0**		1.0	0.77	mg/L			08/26/25 11:29	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		08/20/25 12:12	08/20/25 22:01	1
Calcium	**6.6**		0.10	0.038	mg/L		08/20/25 12:12	08/20/25 22:01	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/20/25 12:12	08/21/25 11:24	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		08/21/25 10:30	08/21/25 21:35	1

Client Sample ID: WAN-WGWA-18

Lab Sample ID: 705-39776-2

Date Collected: 08/12/25 10:32

Matrix: Water

Date Received: 08/13/25 15:20

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		08/21/25 10:30	08/21/25 21:35	1
Barium	**0.012**		0.010	0.00041	mg/L		08/21/25 10:30	08/21/25 21:35	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/21/25 10:30	08/21/25 21:35	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/21/25 10:30	08/21/25 21:35	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/21/25 10:30	08/21/25 21:35	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/21/25 10:30	08/21/25 21:35	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/21/25 10:30	08/21/25 21:35	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/21/25 10:30	08/21/25 21:35	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/21/25 10:30	08/21/25 21:35	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/21/25 10:30	08/21/25 21:35	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		08/20/25 16:07	08/20/25 20:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**62**		10	10	mg/L			08/15/25 10:45	1

Client Sample ID: WAN-WGWA-4

Lab Sample ID: 705-39776-3

Date Collected: 08/12/25 11:15

Matrix: Water

Date Received: 08/13/25 15:20

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.9		5.0	4.9	mg/L			08/26/25 16:26	5
Fluoride	<0.40		1.0	0.40	mg/L			08/26/25 16:26	5
Sulfate	**8.7**		5.0	3.8	mg/L			08/26/25 16:26	5

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/20/25 12:12	08/20/25 22:10	1
Calcium	**16**		0.10	0.038	mg/L		08/20/25 12:12	08/20/25 22:10	1
Lithium	**0.0053**	**J**	0.020	0.0037	mg/L		08/20/25 12:12	08/21/25 11:27	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		08/21/25 10:30	08/21/25 21:38	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/21/25 10:30	08/21/25 21:38	1
Barium	**0.0057**	**J**	0.010	0.00041	mg/L		08/21/25 10:30	08/21/25 21:38	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/21/25 10:30	08/21/25 21:38	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/21/25 10:30	08/21/25 21:38	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/21/25 10:30	08/21/25 21:38	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/21/25 10:30	08/21/25 21:38	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/21/25 10:30	08/21/25 21:38	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/21/25 10:30	08/21/25 21:38	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/21/25 10:30	08/21/25 21:38	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/21/25 10:30	08/21/25 21:38	1

Client Sample ID: WAN-WGWA-4

Lab Sample ID: 705-39776-3

Date Collected: 08/12/25 11:15

Matrix: Water

Date Received: 08/13/25 15:20

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		08/20/25 16:07	08/20/25 20:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**110**		10	10	mg/L			08/15/25 10:45	1

Client Sample ID: WAN-WGWA-6

Lab Sample ID: 705-39776-4

Date Collected: 08/12/25 13:35

Matrix: Water

Date Received: 08/13/25 15:20

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			08/26/25 16:38	1
Fluoride	<0.081		0.20	0.081	mg/L			08/26/25 16:38	1
Sulfate	**6.3**		1.0	0.77	mg/L			08/26/25 16:38	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		08/20/25 12:12	08/20/25 22:14	1
Calcium	**26**		0.10	0.038	mg/L		08/20/25 12:12	08/20/25 22:14	1
Lithium	**0.0058**	**J**	0.020	0.0037	mg/L		08/20/25 12:12	08/21/25 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		08/21/25 10:30	08/21/25 21:41	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/21/25 10:30	08/21/25 21:41	1
Barium	**0.0072**	**J**	0.010	0.00041	mg/L		08/21/25 10:30	08/21/25 21:41	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/21/25 10:30	08/21/25 21:41	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/21/25 10:30	08/21/25 21:41	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/21/25 10:30	08/21/25 21:41	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/21/25 10:30	08/21/25 21:41	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/21/25 10:30	08/21/25 21:41	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/21/25 10:30	08/21/25 21:41	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/21/25 10:30	08/21/25 21:41	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/21/25 10:30	08/21/25 21:41	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		08/22/25 09:26	08/22/25 14:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**130**		10	10	mg/L			08/15/25 10:45	1

Client Sample ID: WAN-WGWA-1

Lab Sample ID: 705-39776-5

Date Collected: 08/12/25 15:30

Matrix: Water

Date Received: 08/13/25 15:20

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			08/26/25 16:49	1
Fluoride	<0.081		0.20	0.081	mg/L			08/26/25 16:49	1
Sulfate	<0.77		1.0	0.77	mg/L			08/26/25 16:49	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/20/25 12:12	08/20/25 22:17	1
Calcium	**1.3**		0.10	0.038	mg/L		08/20/25 12:12	08/20/25 22:17	1
Lithium	**0.0038**	**J**	0.020	0.0037	mg/L		08/20/25 12:12	08/21/25 11:37	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		08/21/25 10:30	08/21/25 21:44	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/21/25 10:30	08/21/25 21:44	1
Barium	**0.046**		0.010	0.00041	mg/L		08/21/25 10:30	08/21/25 21:44	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/21/25 10:30	08/21/25 21:44	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/21/25 10:30	08/21/25 21:44	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/21/25 10:30	08/21/25 21:44	1
Cobalt	**0.00043**	**J**	0.0050	0.00041	mg/L		08/21/25 10:30	08/21/25 21:44	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/21/25 10:30	08/21/25 21:44	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/21/25 10:30	08/21/25 21:44	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/21/25 10:30	08/21/25 21:44	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/21/25 10:30	08/21/25 21:44	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		08/20/25 16:07	08/20/25 20:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**41**		10	10	mg/L			08/15/25 10:45	1

Client Sample ID: WAN-WGWA-2

Lab Sample ID: 705-39776-6

Date Collected: 08/12/25 12:50

Matrix: Water

Date Received: 08/13/25 15:20

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			08/26/25 17:00	1
Fluoride	<0.081		0.20	0.081	mg/L			08/26/25 17:00	1
Sulfate	**1.4**		1.0	0.77	mg/L			08/26/25 17:00	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/20/25 12:12	08/20/25 22:20	1
Calcium	**12**		0.10	0.038	mg/L		08/20/25 12:12	08/20/25 22:20	1
Lithium	**0.0082**	**J**	0.020	0.0037	mg/L		08/20/25 12:12	08/21/25 11:40	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		08/21/25 10:30	08/21/25 21:46	1

Client Sample ID: WAN-WGWA-2

Lab Sample ID: 705-39776-6

Date Collected: 08/12/25 12:50
Matrix: Water
Date Received: 08/13/25 15:20

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		08/21/25 10:30	08/21/25 21:46	1
Barium	**0.025**		0.010	0.00041	mg/L		08/21/25 10:30	08/21/25 21:46	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/21/25 10:30	08/21/25 21:46	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/21/25 10:30	08/21/25 21:46	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/21/25 10:30	08/21/25 21:46	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/21/25 10:30	08/21/25 21:46	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/21/25 10:30	08/21/25 21:46	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/21/25 10:30	08/21/25 21:46	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/21/25 10:30	08/21/25 21:46	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/21/25 10:30	08/21/25 21:46	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		08/20/25 16:07	08/20/25 20:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**120**		10	10	mg/L			08/15/25 10:45	1

Client Sample ID: WAN-WGWA-7

Lab Sample ID: 705-40192-1

Date Collected: 08/13/25 10:00
Matrix: Water
Date Received: 08/15/25 16:02

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			08/28/25 15:56	1
Fluoride	<0.081		0.20	0.081	mg/L			08/28/25 15:56	1
Sulfate	<0.77		1.0	0.77	mg/L			08/28/25 15:56	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/26/25 09:08	08/26/25 19:48	1
Calcium	**1.1**		0.10	0.038	mg/L		08/26/25 09:08	08/26/25 19:48	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/26/25 09:08	08/31/25 09:21	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		08/21/25 09:28	08/23/25 02:10	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/21/25 09:28	08/23/25 02:10	1
Barium	**0.012**		0.010	0.00041	mg/L		08/21/25 09:28	08/23/25 02:10	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/21/25 09:28	08/23/25 02:10	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/21/25 09:28	08/23/25 02:10	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/21/25 09:28	08/23/25 02:10	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/21/25 09:28	08/23/25 02:10	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/21/25 09:28	08/23/25 02:10	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/21/25 09:28	08/23/25 02:10	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/21/25 09:28	08/23/25 02:10	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/21/25 09:28	08/23/25 02:10	1

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

Job ID: 705-39776-1

Client Sample ID: WAN-WGWA-7

Lab Sample ID: 705-40192-1
Date Collected: 08/13/25 10:00
Matrix: Water
Date Received: 08/15/25 16:02

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		09/03/25 13:05	09/03/25 19:03	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			08/18/25 14:15	1

Client Sample ID: WAN-WGWC-25

Lab Sample ID: 705-40192-2
Date Collected: 08/13/25 11:45
Matrix: Water
Date Received: 08/15/25 16:02

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			08/28/25 16:08	1
Fluoride	<0.081		0.20	0.081	mg/L			08/28/25 16:08	1
Sulfate	**4.2**		1.0	0.77	mg/L			08/28/25 16:08	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.74**		0.080	0.026	mg/L		08/26/25 09:08	08/26/25 19:52	1
Calcium	**19**		0.10	0.038	mg/L		08/26/25 09:08	08/26/25 19:52	1
Lithium	**0.0040**	**J**	0.020	0.0037	mg/L		08/26/25 09:08	08/31/25 09:23	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		08/21/25 09:28	08/23/25 02:26	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/21/25 09:28	08/23/25 02:26	1
Barium	**0.25**		0.010	0.00041	mg/L		08/21/25 09:28	08/23/25 02:26	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/21/25 09:28	08/23/25 02:26	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/21/25 09:28	08/23/25 02:26	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/21/25 09:28	08/23/25 02:26	1
Cobalt	**0.0097**		0.0050	0.00041	mg/L		08/21/25 09:28	08/23/25 02:26	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/21/25 09:28	08/23/25 02:26	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/21/25 09:28	08/23/25 02:26	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/21/25 09:28	08/23/25 02:26	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/21/25 09:28	08/23/25 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		09/03/25 13:05	09/03/25 19:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**280**		10	10	mg/L			08/18/25 14:15	1

Client Sample ID: WAN-WGWC-17

Lab Sample ID: 705-40192-3

Date Collected: 08/13/25 12:20

Matrix: Water

Date Received: 08/15/25 16:02

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			08/29/25 20:04	1
Fluoride	**0.22**		0.20	0.081	mg/L			08/29/25 20:04	1
Sulfate	**3.8**		1.0	0.77	mg/L			08/29/25 20:04	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/26/25 09:08	08/26/25 19:55	1
Calcium	**6.4**		0.10	0.038	mg/L		08/26/25 09:08	08/26/25 19:55	1
Lithium	**0.0060**	**J**	0.020	0.0037	mg/L		08/26/25 09:08	08/31/25 09:25	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		08/21/25 09:28	08/23/25 02:47	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/21/25 09:28	08/23/25 02:47	1
Barium	**0.011**		0.010	0.00041	mg/L		08/21/25 09:28	08/23/25 02:47	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/21/25 09:28	08/23/25 02:47	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/21/25 09:28	08/23/25 02:47	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/21/25 09:28	08/23/25 02:47	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/21/25 09:28	08/23/25 02:47	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/21/25 09:28	08/23/25 02:47	1
Molybdenum	**0.0030**	**J**	0.0050	0.00069	mg/L		08/21/25 09:28	08/23/25 02:47	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/21/25 09:28	08/23/25 02:47	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/21/25 09:28	08/23/25 02:47	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		09/03/25 13:05	09/03/25 19:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**86**		10	10	mg/L			08/18/25 14:15	1

Client Sample ID: WAN-WGWC-15

Lab Sample ID: 705-40192-4

Date Collected: 08/13/25 14:05

Matrix: Water

Date Received: 08/15/25 16:02

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			08/30/25 01:47	1
Fluoride	**0.74**		0.20	0.081	mg/L			08/30/25 01:47	1
Sulfate	**14**		1.0	0.77	mg/L			08/30/25 01:47	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/26/25 09:08	08/26/25 19:58	1
Calcium	**31**		0.10	0.038	mg/L		08/26/25 09:08	08/26/25 19:58	1
Lithium	**0.010**	**J**	0.020	0.0037	mg/L		08/26/25 09:08	08/31/25 09:27	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		08/21/25 09:28	08/23/25 02:50	1

Client Sample ID: WAN-WGWC-15

Lab Sample ID: 705-40192-4

Date Collected: 08/13/25 14:05
Matrix: Water
Date Received: 08/15/25 16:02

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		08/21/25 09:28	08/23/25 02:50	1
Barium	**0.033**		0.010	0.00041	mg/L		08/21/25 09:28	08/23/25 02:50	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/21/25 09:28	08/23/25 02:50	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/21/25 09:28	08/23/25 02:50	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/21/25 09:28	08/23/25 02:50	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/21/25 09:28	08/23/25 02:50	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/21/25 09:28	08/23/25 02:50	1
Molybdenum	**0.0023**	**J**	0.0050	0.00069	mg/L		08/21/25 09:28	08/23/25 02:50	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/21/25 09:28	08/23/25 02:50	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/21/25 09:28	08/23/25 02:50	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		09/03/25 13:05	09/03/25 19:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**150**		10	10	mg/L			08/18/25 14:15	1

Client Sample ID: WAN-PZ-31

Lab Sample ID: 705-40192-5

Date Collected: 08/13/25 14:10
Matrix: Water
Date Received: 08/15/25 16:02

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.9**		1.0	0.98	mg/L			08/30/25 01:36	1
Fluoride	**0.20**		0.20	0.081	mg/L			08/30/25 01:36	1
Sulfate	**2.0**		1.0	0.77	mg/L			08/30/25 01:36	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		08/26/25 09:08	08/26/25 20:01	1
Calcium	**1.6**		0.10	0.038	mg/L		08/26/25 09:08	08/26/25 20:01	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/26/25 09:08	08/31/25 09:28	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		08/21/25 09:28	08/23/25 02:53	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/21/25 09:28	08/23/25 02:53	1
Barium	**0.064**		0.010	0.00041	mg/L		08/21/25 09:28	08/23/25 02:53	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/21/25 09:28	08/23/25 02:53	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/21/25 09:28	08/23/25 02:53	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/21/25 09:28	08/23/25 02:53	1
Cobalt	**0.00075**	**J**	0.0050	0.00041	mg/L		08/21/25 09:28	08/23/25 02:53	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/21/25 09:28	08/23/25 02:53	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/21/25 09:28	08/23/25 02:53	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/21/25 09:28	08/23/25 02:53	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/21/25 09:28	08/23/25 02:53	1

Client Sample ID: WAN-PZ-31

Lab Sample ID: 705-40192-5

Date Collected: 08/13/25 14:10

Matrix: Water

Date Received: 08/15/25 16:02

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		09/03/25 13:05	09/03/25 19:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	39		10	10	mg/L			08/18/25 14:15	1

Client Sample ID: WAN-PZ-26D

Lab Sample ID: 705-40192-6

Date Collected: 08/13/25 16:00

Matrix: Water

Date Received: 08/15/25 16:02

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			08/30/25 03:30	1
Fluoride	0.33		0.20	0.081	mg/L			08/30/25 03:30	1
Sulfate	41		1.0	0.77	mg/L			08/30/25 03:30	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.074	J	0.080	0.026	mg/L		08/26/25 09:08	08/26/25 20:04	1
Calcium	18		0.10	0.038	mg/L		08/26/25 09:08	08/26/25 20:04	1
Lithium	0.037		0.020	0.0037	mg/L		08/26/25 09:08	08/31/25 09:30	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		08/21/25 09:28	08/23/25 02:56	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/21/25 09:28	08/23/25 02:56	1
Barium	0.031		0.010	0.00041	mg/L		08/21/25 09:28	08/23/25 02:56	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/21/25 09:28	08/23/25 02:56	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/21/25 09:28	08/23/25 02:56	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/21/25 09:28	08/23/25 02:56	1
Cobalt	0.0086		0.0050	0.00041	mg/L		08/21/25 09:28	08/23/25 02:56	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/21/25 09:28	08/23/25 02:56	1
Molybdenum	0.0027	J	0.0050	0.00069	mg/L		08/21/25 09:28	08/23/25 02:56	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/21/25 09:28	08/23/25 02:56	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/21/25 09:28	08/23/25 02:56	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		09/03/25 13:05	09/03/25 19:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	180		10	10	mg/L			08/18/25 14:15	1

Client Sample ID: WAN-AP1-EB-01

Lab Sample ID: 705-40192-7

Date Collected: 08/13/25 16:30

Matrix: Water

Date Received: 08/15/25 16:02

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/30/25 03:42	1
Fluoride	**0.14**	**J**	0.20	0.081	mg/L			08/30/25 03:42	1
Sulfate	<0.77		1.0	0.77	mg/L			08/30/25 03:42	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		08/26/25 09:08	08/26/25 19:27	1
Calcium	<0.038		0.10	0.038	mg/L		08/26/25 09:08	08/26/25 19:27	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/26/25 09:08	08/31/25 09:08	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		08/21/25 09:28	08/23/25 02:58	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/21/25 09:28	08/23/25 02:58	1
Barium	<0.00041		0.010	0.00041	mg/L		08/21/25 09:28	08/23/25 02:58	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/21/25 09:28	08/23/25 02:58	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/21/25 09:28	08/23/25 02:58	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/21/25 09:28	08/23/25 02:58	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/21/25 09:28	08/23/25 02:58	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/21/25 09:28	08/23/25 02:58	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/21/25 09:28	08/23/25 02:58	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/21/25 09:28	08/23/25 02:58	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/21/25 09:28	08/23/25 02:58	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		09/03/25 13:05	09/03/25 19:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			08/18/25 14:15	1

Client Sample ID: WAN-WGWC-8

Lab Sample ID: 705-40192-8

Date Collected: 08/14/25 15:23

Matrix: Water

Date Received: 08/15/25 16:02

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**120**		5.0	4.9	mg/L			08/30/25 03:53	5
Fluoride	**1.0**		1.0	0.40	mg/L			08/30/25 03:53	5
Sulfate	**260**		10	7.7	mg/L			08/30/25 12:40	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**3.1**		0.080	0.026	mg/L		08/26/25 09:08	08/26/25 20:13	1
Calcium	**97**		0.10	0.038	mg/L		08/26/25 09:08	08/26/25 20:13	1
Lithium	**0.020**		0.020	0.0037	mg/L		08/26/25 09:08	08/31/25 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.0029**	**J**	0.0050	0.0025	mg/L		08/21/25 09:28	08/23/25 03:01	1

Client Sample ID: WAN-WGWC-8

Lab Sample ID: 705-40192-8

Date Collected: 08/14/25 15:23

Matrix: Water

Date Received: 08/15/25 16:02

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		08/21/25 09:28	08/23/25 03:01	1
Barium	**0.0021**	**J**	0.010	0.00041	mg/L		08/21/25 09:28	08/23/25 03:01	1
Beryllium	**0.0019**		0.0010	0.00015	mg/L		08/21/25 09:28	08/23/25 03:01	1
Cadmium	**0.00034**	**J**	0.00070	0.00024	mg/L		08/21/25 09:28	08/23/25 03:01	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/21/25 09:28	08/23/25 03:01	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/21/25 09:28	08/23/25 03:01	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/21/25 09:28	08/23/25 03:01	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/21/25 09:28	08/23/25 03:01	1
Selenium	**0.0062**		0.0050	0.0023	mg/L		08/21/25 09:28	08/23/25 03:01	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/21/25 09:28	08/23/25 03:01	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		09/03/25 13:05	09/03/25 19:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**740**		10	10	mg/L			08/18/25 14:15	1

Client Sample ID: WAN-WGWC-13

Lab Sample ID: 705-40192-9

Date Collected: 08/14/25 10:00

Matrix: Water

Date Received: 08/15/25 16:02

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			08/30/25 04:05	1
Fluoride	**0.26**		0.20	0.081	mg/L			08/30/25 04:05	1
Sulfate	**2.9**		1.0	0.77	mg/L			08/30/25 04:05	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		08/26/25 09:08	08/26/25 20:16	1
Calcium	**3.6**		0.10	0.038	mg/L		08/26/25 09:08	08/26/25 20:16	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/26/25 09:08	08/31/25 09:34	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		08/21/25 09:28	08/23/25 03:04	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/21/25 09:28	08/23/25 03:04	1
Barium	**0.041**		0.010	0.00041	mg/L		08/21/25 09:28	08/23/25 03:04	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/21/25 09:28	08/23/25 03:04	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/21/25 09:28	08/23/25 03:04	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/21/25 09:28	08/23/25 03:04	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/21/25 09:28	08/23/25 03:04	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/21/25 09:28	08/23/25 03:04	1
Molybdenum	**0.0011**	**J**	0.0050	0.00069	mg/L		08/21/25 09:28	08/23/25 03:04	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/21/25 09:28	08/23/25 03:04	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/21/25 09:28	08/23/25 03:04	1

Client Sample ID: WAN-WGWC-13

Lab Sample ID: 705-40192-9

Date Collected: 08/14/25 10:00

Matrix: Water

Date Received: 08/15/25 16:02

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		09/04/25 14:00	09/04/25 19:00	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			08/18/25 14:15	1

Client Sample ID: WAN-WGWC-14A

Lab Sample ID: 705-40192-10

Date Collected: 08/14/25 14:20

Matrix: Water

Date Received: 08/15/25 16:02

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			08/30/25 04:16	1
Fluoride	**0.20**		0.20	0.081	mg/L			08/30/25 04:16	1
Sulfate	**0.80**	**J**	1.0	0.77	mg/L			08/30/25 04:16	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/26/25 09:08	08/26/25 20:19	1
Calcium	**0.70**		0.10	0.038	mg/L		08/26/25 09:08	08/26/25 20:19	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/26/25 09:08	08/31/25 09:36	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		08/21/25 09:28	08/23/25 03:06	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/21/25 09:28	08/23/25 03:06	1
Barium	**0.027**		0.010	0.00041	mg/L		08/21/25 09:28	08/23/25 03:06	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/21/25 09:28	08/23/25 03:06	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/21/25 09:28	08/23/25 03:06	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/21/25 09:28	08/23/25 03:06	1
Cobalt	**0.0014**	**J**	0.0050	0.00041	mg/L		08/21/25 09:28	08/23/25 03:06	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/21/25 09:28	08/23/25 03:06	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/21/25 09:28	08/23/25 03:06	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/21/25 09:28	08/23/25 03:06	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/21/25 09:28	08/23/25 03:06	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		09/04/25 14:00	09/04/25 19:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**27**		10	10	mg/L			08/18/25 14:15	1

Client Sample ID: WAN-WGWC-16

Lab Sample ID: 705-40192-11

Date Collected: 08/14/25 09:38

Matrix: Water

Date Received: 08/15/25 16:02

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**26**		1.0	0.98	mg/L			08/30/25 05:02	1
Fluoride	**0.23**		0.20	0.081	mg/L			08/30/25 05:02	1
Sulfate	**38**		1.0	0.77	mg/L			08/30/25 05:02	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.56**		0.080	0.026	mg/L		08/26/25 09:08	08/26/25 20:23	1
Calcium	**17**		0.10	0.038	mg/L		08/26/25 09:08	08/26/25 20:23	1
Lithium	**0.0038**	**J**	0.020	0.0037	mg/L		08/26/25 09:08	08/31/25 09:42	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		08/21/25 09:28	08/23/25 03:09	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/21/25 09:28	08/23/25 03:09	1
Barium	**0.039**		0.010	0.00041	mg/L		08/21/25 09:28	08/23/25 03:09	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/21/25 09:28	08/23/25 03:09	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/21/25 09:28	08/23/25 03:09	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/21/25 09:28	08/23/25 03:09	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/21/25 09:28	08/23/25 03:09	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/21/25 09:28	08/23/25 03:09	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/21/25 09:28	08/23/25 03:09	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/21/25 09:28	08/23/25 03:09	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/21/25 09:28	08/23/25 03:09	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		09/03/25 13:05	09/03/25 19:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**120**		10	10	mg/L			08/18/25 15:30	1

Client Sample ID: WAN-WGWC-19

Lab Sample ID: 705-40192-12

Date Collected: 08/14/25 16:44

Matrix: Water

Date Received: 08/15/25 16:02

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			08/30/25 05:14	1
Fluoride	**0.45**		0.20	0.081	mg/L			08/30/25 05:14	1
Sulfate	**3.3**		1.0	0.77	mg/L			08/30/25 05:14	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/26/25 09:08	08/26/25 20:26	1
Calcium	**12**		0.10	0.038	mg/L		08/26/25 09:08	08/26/25 20:26	1
Lithium	**0.070**		0.020	0.0037	mg/L		08/26/25 09:08	08/31/25 09:44	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		08/21/25 09:28	08/23/25 03:30	1

Client Sample ID: WAN-WGWC-19

Lab Sample ID: 705-40192-12

Date Collected: 08/14/25 16:44

Matrix: Water

Date Received: 08/15/25 16:02

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		08/21/25 09:28	08/23/25 03:30	1
Barium	**0.0015**	**J**	0.010	0.00041	mg/L		08/21/25 09:28	08/23/25 03:30	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/21/25 09:28	08/23/25 03:30	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/21/25 09:28	08/23/25 03:30	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/21/25 09:28	08/23/25 03:30	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/21/25 09:28	08/23/25 03:30	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/21/25 09:28	08/23/25 03:30	1
Molybdenum	**0.0022**	**J**	0.0050	0.00069	mg/L		08/21/25 09:28	08/23/25 03:30	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/21/25 09:28	08/23/25 03:30	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/21/25 09:28	08/23/25 03:30	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		09/04/25 14:00	09/04/25 19:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**88**		10	10	mg/L			08/18/25 15:30	1

Client Sample ID: WAN-WGWC-20

Lab Sample ID: 705-40192-13

Date Collected: 08/14/25 11:00

Matrix: Water

Date Received: 08/15/25 16:02

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**180**		5.0	4.9	mg/L			08/30/25 05:25	5
Fluoride	**2.4**		1.0	0.40	mg/L			08/30/25 05:25	5
Sulfate	**380**		10	7.7	mg/L			08/30/25 12:51	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**4.0**		0.080	0.026	mg/L		08/26/25 09:08	08/26/25 20:29	1
Calcium	**160**		0.10	0.038	mg/L		08/26/25 09:08	08/26/25 20:29	1
Lithium	**0.20**		0.020	0.0037	mg/L		08/26/25 09:08	08/31/25 09:46	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		08/21/25 09:28	08/23/25 03:33	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/21/25 09:28	08/23/25 03:33	1
Barium	**0.00049**	**J**	0.010	0.00041	mg/L		08/21/25 09:28	08/23/25 03:33	1
Beryllium	**0.0089**		0.0010	0.00015	mg/L		08/21/25 09:28	08/23/25 03:33	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/21/25 09:28	08/23/25 03:33	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/21/25 09:28	08/23/25 03:33	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/21/25 09:28	08/23/25 03:33	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/21/25 09:28	08/23/25 03:33	1
Molybdenum	**0.00088**	**J**	0.0050	0.00069	mg/L		08/21/25 09:28	08/23/25 03:33	1
Selenium	**0.0032**	**J**	0.0050	0.0023	mg/L		08/21/25 09:28	08/23/25 03:33	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/21/25 09:28	08/23/25 03:33	1

Client Sample ID: WAN-WGWC-20

Lab Sample ID: 705-40192-13

Date Collected: 08/14/25 11:00

Matrix: Water

Date Received: 08/15/25 16:02

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		09/04/25 14:00	09/04/25 19:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**930**		20	20	mg/L			08/18/25 15:30	1

Client Sample ID: WAN-WGWC-28D

Lab Sample ID: 705-40192-14

Date Collected: 08/14/25 12:36

Matrix: Water

Date Received: 08/15/25 16:02

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**930**		20	20	mg/L			08/30/25 13:02	20
Fluoride	**1.3**		0.20	0.081	mg/L			08/30/25 06:22	1
Sulfate	**720**		20	15	mg/L			08/30/25 13:02	20

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**15**		0.080	0.026	mg/L		08/26/25 09:08	08/26/25 20:32	1
Calcium	**550**		1.0	0.38	mg/L		08/26/25 09:08	08/27/25 09:37	10
Lithium	**0.47**		0.020	0.0037	mg/L		08/26/25 09:08	08/31/25 09:47	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		08/21/25 09:28	08/23/25 03:35	1
Arsenic	**0.0016**	**J**	0.0050	0.0013	mg/L		08/21/25 09:28	08/23/25 03:35	1
Barium	**0.012**		0.010	0.00041	mg/L		08/21/25 09:28	08/23/25 03:35	1
Beryllium	**0.0015**		0.0010	0.00015	mg/L		08/21/25 09:28	08/23/25 03:35	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/21/25 09:28	08/23/25 03:35	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/21/25 09:28	08/23/25 03:35	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/21/25 09:28	08/23/25 03:35	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/21/25 09:28	08/23/25 03:35	1
Molybdenum	**0.0082**		0.0050	0.00069	mg/L		08/21/25 09:28	08/23/25 03:35	1
Selenium	**0.0066**		0.0050	0.0023	mg/L		08/21/25 09:28	08/23/25 03:35	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/21/25 09:28	08/23/25 03:35	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		09/04/25 14:00	09/04/25 19:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**3600**		40	40	mg/L			08/18/25 15:30	1

Client Sample ID: WAN-WAMW-1

Lab Sample ID: 705-40192-15
Matrix: Water
Date Collected: 08/14/25 16:25
Date Received: 08/15/25 16:02

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			08/30/25 06:33	1
Fluoride	**0.56**		0.20	0.081	mg/L			08/30/25 06:33	1
Sulfate	**4.3**		1.0	0.77	mg/L			08/30/25 06:33	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/26/25 09:08	08/26/25 20:35	1
Calcium	**22**		0.10	0.038	mg/L		08/26/25 09:08	08/26/25 20:35	1
Lithium	**0.045**		0.020	0.0037	mg/L		08/26/25 09:08	08/31/25 09:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/21/25 09:28	08/23/25 03:38	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/21/25 09:28	08/23/25 03:38	1
Barium	**0.0048**	**J**	0.010	0.00041	mg/L		08/21/25 09:28	08/23/25 03:38	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/21/25 09:28	08/23/25 03:38	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/21/25 09:28	08/23/25 03:38	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/21/25 09:28	08/23/25 03:38	1
Cobalt	**0.0020**	**J**	0.0050	0.00041	mg/L		08/21/25 09:28	08/23/25 03:38	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/21/25 09:28	08/23/25 03:38	1
Molybdenum	**0.0023**	**J**	0.0050	0.00069	mg/L		08/21/25 09:28	08/23/25 03:38	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/21/25 09:28	08/23/25 03:38	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/21/25 09:28	08/23/25 03:38	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		09/04/25 14:00	09/04/25 19:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**140**		10	10	mg/L			08/19/25 15:30	1

Client Sample ID: WAN-AP1-FD-01

Lab Sample ID: 705-40192-16
Matrix: Water
Date Collected: 08/14/25 00:00
Date Received: 08/15/25 16:02

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**26**		1.0	0.98	mg/L			08/29/25 23:42	1
Fluoride	**0.25**		0.20	0.081	mg/L			08/29/25 23:42	1
Sulfate	**38**		1.0	0.77	mg/L			08/29/25 23:42	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.57**		0.080	0.026	mg/L		08/26/25 09:08	08/26/25 20:38	1
Calcium	**17**		0.10	0.038	mg/L		08/26/25 09:08	08/26/25 20:38	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/26/25 09:08	08/31/25 09:51	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		08/21/25 10:30	08/21/25 20:03	1

Client Sample ID: WAN-AP1-FD-01

Lab Sample ID: 705-40192-16

Date Collected: 08/14/25 00:00

Matrix: Water

Date Received: 08/15/25 16:02

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		08/21/25 10:30	08/21/25 20:03	1
Barium	**0.039**		0.010	0.00041	mg/L		08/21/25 10:30	08/21/25 20:03	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/21/25 10:30	08/21/25 20:03	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/21/25 10:30	08/21/25 20:03	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/21/25 10:30	08/21/25 20:03	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/21/25 10:30	08/21/25 20:03	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/21/25 10:30	08/21/25 20:03	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/21/25 10:30	08/21/25 20:03	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/21/25 10:30	08/21/25 20:03	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/21/25 10:30	08/21/25 20:03	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		09/04/25 14:00	09/04/25 19:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**140**		10	10	mg/L			08/19/25 15:30	1

Client Sample ID: WAN-AP1-FD-02

Lab Sample ID: 705-40192-17

Date Collected: 08/14/25 00:00

Matrix: Water

Date Received: 08/15/25 16:02

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			08/30/25 00:28	1
Fluoride	**0.46**		0.20	0.081	mg/L			08/30/25 00:28	1
Sulfate	**4.4**		1.0	0.77	mg/L			08/30/25 00:28	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/26/25 09:08	08/26/25 20:41	1
Calcium	**21**		0.10	0.038	mg/L		08/26/25 09:08	08/26/25 20:41	1
Lithium	**0.043**		0.020	0.0037	mg/L		08/26/25 09:08	08/31/25 09:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/21/25 10:30	08/21/25 20:14	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/21/25 10:30	08/21/25 20:14	1
Barium	**0.0043**	**J**	0.010	0.00041	mg/L		08/21/25 10:30	08/21/25 20:14	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/21/25 10:30	08/21/25 20:14	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/21/25 10:30	08/21/25 20:14	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/21/25 10:30	08/21/25 20:14	1
Cobalt	**0.0018**	**J**	0.0050	0.00041	mg/L		08/21/25 10:30	08/21/25 20:14	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/21/25 10:30	08/21/25 20:14	1
Molybdenum	**0.0023**	**J**	0.0050	0.00069	mg/L		08/21/25 10:30	08/21/25 20:14	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/21/25 10:30	08/21/25 20:14	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/21/25 10:30	08/21/25 20:14	1

Client Sample ID: WAN-AP1-FD-02

Lab Sample ID: 705-40192-17

Date Collected: 08/14/25 00:00
Matrix: Water
Date Received: 08/15/25 16:02

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		09/04/25 14:00	09/04/25 19:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**130**		10	10	mg/L			08/19/25 15:30	1

Client Sample ID: WAN-AP1-FB-07

Lab Sample ID: 705-40192-18

Date Collected: 08/14/25 10:40
Matrix: Water
Date Received: 08/15/25 16:02

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/30/25 00:39	1
Fluoride	**0.16**	**J**	0.20	0.081	mg/L			08/30/25 00:39	1
Sulfate	<0.77		1.0	0.77	mg/L			08/30/25 00:39	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/26/25 09:08	08/26/25 20:50	1
Calcium	<0.038		0.10	0.038	mg/L		08/26/25 09:08	08/26/25 20:50	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/26/25 09:08	08/31/25 09:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/21/25 10:30	08/21/25 20:17	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/21/25 10:30	08/21/25 20:17	1
Barium	<0.00041		0.010	0.00041	mg/L		08/21/25 10:30	08/21/25 20:17	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/21/25 10:30	08/21/25 20:17	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/21/25 10:30	08/21/25 20:17	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/21/25 10:30	08/21/25 20:17	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/21/25 10:30	08/21/25 20:17	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/21/25 10:30	08/21/25 20:17	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/21/25 10:30	08/21/25 20:17	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/21/25 10:30	08/21/25 20:17	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/21/25 10:30	08/21/25 20:17	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		09/04/25 14:00	09/04/25 19:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			08/19/25 15:30	1

Client Sample ID: WAN-AP1-EB-02

Lab Sample ID: 705-40192-19

Date Collected: 08/14/25 13:00

Matrix: Water

Date Received: 08/15/25 16:02

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/30/25 00:50	1
Fluoride	**0.16**	**J**	0.20	0.081	mg/L			08/30/25 00:50	1
Sulfate	<0.77		1.0	0.77	mg/L			08/30/25 00:50	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		08/26/25 09:08	08/26/25 20:54	1
Calcium	**0.052**	**J**	0.10	0.038	mg/L		08/26/25 09:08	08/26/25 20:54	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/26/25 09:08	08/31/25 09:57	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		08/21/25 10:30	08/21/25 20:20	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/21/25 10:30	08/21/25 20:20	1
Barium	<0.00041		0.010	0.00041	mg/L		08/21/25 10:30	08/21/25 20:20	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/21/25 10:30	08/21/25 20:20	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/21/25 10:30	08/21/25 20:20	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/21/25 10:30	08/21/25 20:20	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/21/25 10:30	08/21/25 20:20	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/21/25 10:30	08/21/25 20:20	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/21/25 10:30	08/21/25 20:20	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/21/25 10:30	08/21/25 20:20	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/21/25 10:30	08/21/25 20:20	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		09/04/25 14:00	09/04/25 19:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			08/19/25 15:30	1

Client Sample ID: WAN-WGWC-12

Lab Sample ID: 705-40192-20

Date Collected: 08/15/25 12:09

Matrix: Water

Date Received: 08/15/25 16:02

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.6**		1.0	0.98	mg/L			08/30/25 01:02	1
Fluoride	**0.22**		0.20	0.081	mg/L			08/30/25 01:02	1
Sulfate	**13**		1.0	0.77	mg/L			08/30/25 01:02	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		08/26/25 09:08	08/26/25 20:57	1
Calcium	**15**		0.10	0.038	mg/L		08/26/25 09:08	08/26/25 20:57	1
Lithium	**0.0069**	**J**	0.020	0.0037	mg/L		08/26/25 09:08	08/31/25 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		08/21/25 10:30	08/21/25 20:44	1

Client Sample ID: WAN-WGWC-12

Lab Sample ID: 705-40192-20

Date Collected: 08/15/25 12:09

Matrix: Water

Date Received: 08/15/25 16:02

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		08/21/25 10:30	08/21/25 20:44	1
Barium	**0.018**		0.010	0.00041	mg/L		08/21/25 10:30	08/21/25 20:44	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/21/25 10:30	08/21/25 20:44	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/21/25 10:30	08/21/25 20:44	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/21/25 10:30	08/21/25 20:44	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/21/25 10:30	08/21/25 20:44	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/21/25 10:30	08/21/25 20:44	1
Molybdenum	**0.00075**	**J**	0.0050	0.00069	mg/L		08/21/25 10:30	08/21/25 20:44	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/21/25 10:30	08/21/25 20:44	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/21/25 10:30	08/21/25 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		09/03/25 13:05	09/03/25 19:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**100**		10	10	mg/L			08/19/25 15:30	1

Client Sample ID: WAN-WGWC-11

Lab Sample ID: 705-40516-1

Date Collected: 08/18/25 12:09

Matrix: Water

Date Received: 08/20/25 09:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.3**		1.0	0.98	mg/L			08/30/25 08:40	1
Fluoride	**0.17**	**J**	0.20	0.081	mg/L			08/30/25 08:40	1
Sulfate	**1.5**		1.0	0.77	mg/L			08/30/25 08:40	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/25/25 09:15	08/26/25 18:22	1
Calcium	**1.6**		0.10	0.038	mg/L		08/25/25 09:15	08/26/25 18:22	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/25/25 09:15	08/31/25 08:26	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		08/25/25 08:58	08/27/25 18:01	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/25/25 08:58	08/27/25 18:01	1
Barium	**0.050**		0.010	0.00041	mg/L		08/25/25 08:58	08/27/25 18:01	1
Beryllium	<0.00015	F1	0.0010	0.00015	mg/L		08/25/25 08:58	08/30/25 18:15	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/25/25 08:58	08/27/25 18:01	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/25/25 08:58	08/27/25 18:01	1
Cobalt	**0.00043**	**J**	0.0050	0.00041	mg/L		08/25/25 08:58	08/27/25 18:01	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/25/25 08:58	08/27/25 18:01	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/25/25 08:58	08/27/25 18:01	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/25/25 08:58	08/27/25 18:01	1
Thallium	**0.00049**	**J**	0.0010	0.00019	mg/L		08/25/25 08:58	08/27/25 18:01	1

Client Sample ID: WAN-WGWC-11

Lab Sample ID: 705-40516-1

Date Collected: 08/18/25 12:09

Matrix: Water

Date Received: 08/20/25 09:40

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		09/05/25 12:52	09/05/25 20:15	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			08/22/25 15:30	1

Client Sample ID: WAN-WGWC-27

Lab Sample ID: 705-40516-2

Date Collected: 08/18/25 15:17

Matrix: Water

Date Received: 08/20/25 09:40

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			08/30/25 06:45	1
Fluoride	0.92		0.20	0.081	mg/L			08/30/25 06:45	1
Sulfate	20		1.0	0.77	mg/L			08/30/25 06:45	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		08/25/25 09:15	08/26/25 18:00	1
Calcium	15		0.10	0.038	mg/L		08/25/25 09:15	08/26/25 18:00	1
Lithium	0.031	F1	0.020	0.0037	mg/L		08/25/25 09:15	08/31/25 08:16	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		08/25/25 08:58	08/27/25 18:42	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/25/25 08:58	08/27/25 18:42	1
Barium	0.0025	J	0.010	0.00041	mg/L		08/25/25 08:58	08/27/25 18:42	1
Beryllium	0.0010		0.0010	0.00015	mg/L		08/25/25 08:58	09/03/25 13:46	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/25/25 08:58	08/27/25 18:42	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/25/25 08:58	08/27/25 18:42	1
Cobalt	0.0014	J	0.0050	0.00041	mg/L		08/25/25 08:58	08/27/25 18:42	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/25/25 08:58	08/27/25 18:42	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/25/25 08:58	08/27/25 18:42	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/25/25 08:58	08/27/25 18:42	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/25/25 08:58	08/27/25 18:42	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		09/05/25 12:52	09/05/25 20:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	130		10	10	mg/L			08/22/25 15:30	1

Client Sample ID: WAN-AP1-FB-08

Lab Sample ID: 705-40516-3

Date Collected: 08/18/25 12:40

Matrix: Water

Date Received: 08/20/25 09:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/30/25 07:31	1
Fluoride	**0.18**	**J**	0.20	0.081	mg/L			08/30/25 07:31	1
Sulfate	<0.77		1.0	0.77	mg/L			08/30/25 07:31	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/25/25 09:15	08/26/25 18:25	1
Calcium	<0.038		0.10	0.038	mg/L		08/25/25 09:15	08/26/25 18:25	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/25/25 09:15	08/31/25 08:28	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		08/25/25 08:58	08/27/25 18:45	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/25/25 08:58	08/27/25 18:45	1
Barium	<0.00041		0.010	0.00041	mg/L		08/25/25 08:58	08/27/25 18:45	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/25/25 08:58	08/30/25 18:28	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/25/25 08:58	08/27/25 18:45	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/25/25 08:58	08/27/25 18:45	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/25/25 08:58	08/27/25 18:45	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/25/25 08:58	08/27/25 18:45	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/25/25 08:58	08/27/25 18:45	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/25/25 08:58	08/27/25 18:45	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/25/25 08:58	08/27/25 18:45	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		09/05/25 12:52	09/05/25 20:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			08/22/25 15:30	1

Client Sample ID: WAN-WGWC-24

Lab Sample ID: 705-40516-4

Date Collected: 08/18/25 16:02

Matrix: Water

Date Received: 08/20/25 09:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15**		1.0	0.98	mg/L			08/30/25 07:42	1
Fluoride	**0.28**		0.20	0.081	mg/L			08/30/25 07:42	1
Sulfate	**35**		1.0	0.77	mg/L			08/30/25 07:42	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.42**		0.080	0.026	mg/L		08/25/25 09:15	08/26/25 18:28	1
Calcium	**11**		0.10	0.038	mg/L		08/25/25 09:15	08/26/25 18:28	1
Lithium	**0.0040**	**J**	0.020	0.0037	mg/L		08/25/25 09:15	08/31/25 08:33	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		08/25/25 08:58	08/27/25 18:49	1

Client Sample ID: WAN-WGWC-24

Lab Sample ID: 705-40516-4

Date Collected: 08/18/25 16:02

Matrix: Water

Date Received: 08/20/25 09:40

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		08/25/25 08:58	08/27/25 18:49	1
Barium	**0.042**		0.010	0.00041	mg/L		08/25/25 08:58	08/27/25 18:49	1
Beryllium	**0.0017**		0.0010	0.00015	mg/L		08/25/25 08:58	08/30/25 18:31	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/25/25 08:58	08/27/25 18:49	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/25/25 08:58	08/27/25 18:49	1
Cobalt	**0.020**		0.0050	0.00041	mg/L		08/25/25 08:58	08/27/25 18:49	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/25/25 08:58	08/27/25 18:49	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/25/25 08:58	08/27/25 18:49	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/25/25 08:58	08/27/25 18:49	1
Thallium	**0.00027**	**J**	0.0010	0.00019	mg/L		08/25/25 08:58	08/27/25 18:49	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		09/05/25 12:52	09/05/25 20:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**110**		10	10	mg/L			08/22/25 15:30	1

Client Sample ID: WAN-WGWC-22

Lab Sample ID: 705-40516-5

Date Collected: 08/18/25 16:49

Matrix: Water

Date Received: 08/20/25 09:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.3**		1.0	0.98	mg/L			08/30/25 07:54	1
Fluoride	**0.34**		0.20	0.081	mg/L			08/30/25 07:54	1
Sulfate	**54**		5.0	3.8	mg/L			08/30/25 13:14	5

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		08/25/25 09:15	08/26/25 18:31	1
Calcium	**12**		0.10	0.038	mg/L		08/25/25 09:15	08/26/25 18:31	1
Lithium	**0.011**	**J**	0.020	0.0037	mg/L		08/25/25 09:15	08/31/25 08:35	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		08/25/25 08:58	08/27/25 18:52	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/25/25 08:58	08/27/25 18:52	1
Barium	**0.018**		0.010	0.00041	mg/L		08/25/25 08:58	08/27/25 18:52	1
Beryllium	**0.00065**	**J**	0.0010	0.00015	mg/L		08/25/25 08:58	09/03/25 13:49	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/25/25 08:58	08/27/25 18:52	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/25/25 08:58	08/27/25 18:52	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/25/25 08:58	08/27/25 18:52	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/25/25 08:58	08/27/25 18:52	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/25/25 08:58	08/27/25 18:52	1
Selenium	**0.0025**	**J**	0.0050	0.0023	mg/L		08/25/25 08:58	08/27/25 18:52	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/25/25 08:58	08/27/25 18:52	1

Client Sample ID: WAN-WGWC-22

Lab Sample ID: 705-40516-5

Date Collected: 08/18/25 16:49

Matrix: Water

Date Received: 08/20/25 09:40

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		09/05/25 15:04	09/05/25 19:12	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			08/22/25 15:30	1

Client Sample ID: WAN-AP1-FD-03

Lab Sample ID: 705-40516-6

Date Collected: 08/18/25 00:00

Matrix: Water

Date Received: 08/20/25 09:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15**		1.0	0.98	mg/L			08/30/25 08:05	1
Fluoride	**0.28**		0.20	0.081	mg/L			08/30/25 08:05	1
Sulfate	**35**		1.0	0.77	mg/L			08/30/25 08:05	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.43**		0.080	0.026	mg/L		08/25/25 09:15	08/26/25 18:34	1
Calcium	**12**		0.10	0.038	mg/L		08/25/25 09:15	08/26/25 18:34	1
Lithium	**0.0045**	**J**	0.020	0.0037	mg/L		08/25/25 09:15	08/31/25 08:37	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		08/25/25 08:58	08/27/25 18:55	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/25/25 08:58	08/27/25 18:55	1
Barium	**0.044**		0.010	0.00041	mg/L		08/25/25 08:58	08/27/25 18:55	1
Beryllium	**0.0016**		0.0010	0.00015	mg/L		08/25/25 08:58	08/30/25 18:38	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/25/25 08:58	08/27/25 18:55	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/25/25 08:58	08/27/25 18:55	1
Cobalt	**0.020**		0.0050	0.00041	mg/L		08/25/25 08:58	08/27/25 18:55	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/25/25 08:58	08/27/25 18:55	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/25/25 08:58	08/27/25 18:55	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/25/25 08:58	08/27/25 18:55	1
Thallium	**0.00028**	**J**	0.0010	0.00019	mg/L		08/25/25 08:58	08/27/25 18:55	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		09/05/25 15:04	09/05/25 19:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**100**		10	10	mg/L			08/22/25 15:30	1

Client Sample ID: WAN-AP1-EB-03

Lab Sample ID: 705-40516-7

Date Collected: 08/18/25 16:45

Matrix: Water

Date Received: 08/20/25 09:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/30/25 09:14	1
Fluoride	**0.16**	**J**	0.20	0.081	mg/L			08/30/25 09:14	1
Sulfate	<0.77		1.0	0.77	mg/L			08/30/25 09:14	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/25/25 09:15	08/26/25 18:37	1
Calcium	**0.039**	**J**	0.10	0.038	mg/L		08/25/25 09:15	08/26/25 18:37	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/25/25 09:15	08/31/25 08:39	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		08/25/25 08:58	08/27/25 18:59	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/25/25 08:58	08/27/25 18:59	1
Barium	**0.00043**	**J**	0.010	0.00041	mg/L		08/25/25 08:58	08/27/25 18:59	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/25/25 08:58	08/30/25 19:02	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/25/25 08:58	08/27/25 18:59	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/25/25 08:58	08/27/25 18:59	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/25/25 08:58	08/27/25 18:59	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/25/25 08:58	08/27/25 18:59	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/25/25 08:58	08/27/25 18:59	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/25/25 08:58	08/27/25 18:59	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/25/25 08:58	08/27/25 18:59	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		09/05/25 15:04	09/05/25 19:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			08/22/25 15:30	1

Client Sample ID: WAN-WGWC-21

Lab Sample ID: 705-40516-8

Date Collected: 08/19/25 10:31

Matrix: Water

Date Received: 08/20/25 09:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**56**		20	20	mg/L			08/30/25 13:25	20
Fluoride	**2.0**		0.20	0.081	mg/L			08/30/25 10:11	1
Sulfate	**320**		20	15	mg/L			08/30/25 13:25	20

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.10**		0.080	0.026	mg/L		08/25/25 09:15	08/26/25 18:40	1
Calcium	**60**		0.10	0.038	mg/L		08/25/25 09:15	08/26/25 18:40	1
Lithium	**0.11**		0.020	0.0037	mg/L		08/25/25 09:15	08/31/25 08:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.0032**	**J**	0.0050	0.0025	mg/L		08/25/25 08:58	08/27/25 19:02	1

Client Sample ID: WAN-WGWC-21

Lab Sample ID: 705-40516-8

Date Collected: 08/19/25 10:31

Matrix: Water

Date Received: 08/20/25 09:40

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		08/25/25 08:58	08/27/25 19:02	1
Barium	**0.0033**	**J**	0.010	0.00041	mg/L		08/25/25 08:58	08/27/25 19:02	1
Beryllium	**0.00041**	**J**	0.0010	0.00015	mg/L		08/25/25 08:58	09/03/25 13:52	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/25/25 08:58	08/27/25 19:02	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/25/25 08:58	08/27/25 19:02	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/25/25 08:58	08/27/25 19:02	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/25/25 08:58	08/27/25 19:02	1
Molybdenum	**0.032**		0.0050	0.00069	mg/L		08/25/25 08:58	08/28/25 20:06	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/25/25 08:58	08/27/25 19:02	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/25/25 08:58	08/27/25 19:02	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		09/05/25 15:04	09/05/25 19:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**700**		10	10	mg/L			08/26/25 15:45	1

Client Sample ID: WAN-AP1-FB-09

Lab Sample ID: 705-40516-9

Date Collected: 08/19/25 11:00

Matrix: Water

Date Received: 08/20/25 09:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/30/25 10:22	1
Fluoride	**0.20**		0.20	0.081	mg/L			08/30/25 10:22	1
Sulfate	<0.77		1.0	0.77	mg/L			08/30/25 10:22	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/25/25 09:15	08/26/25 18:43	1
Calcium	<0.038		0.10	0.038	mg/L		08/25/25 09:15	08/26/25 18:43	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/25/25 09:15	08/31/25 08:43	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		08/25/25 08:58	08/27/25 19:05	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/25/25 08:58	08/27/25 19:05	1
Barium	<0.00041		0.010	0.00041	mg/L		08/25/25 08:58	08/27/25 19:05	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/25/25 08:58	08/30/25 02:45	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/25/25 08:58	08/27/25 19:05	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/25/25 08:58	08/27/25 19:05	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/25/25 08:58	08/27/25 19:05	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/25/25 08:58	08/27/25 19:05	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/25/25 08:58	08/27/25 19:05	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/25/25 08:58	08/27/25 19:05	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/25/25 08:58	08/27/25 19:05	1

Client Sample ID: WAN-AP1-FB-09

Lab Sample ID: 705-40516-9

Date Collected: 08/19/25 11:00

Matrix: Water

Date Received: 08/20/25 09:40

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		09/05/25 15:04	09/05/25 19:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			08/26/25 15:45	1

Client Sample ID: WAN-WGWC-10

Lab Sample ID: 705-40516-10

Date Collected: 08/19/25 14:02

Matrix: Water

Date Received: 08/20/25 09:40

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			08/30/25 10:34	1
Fluoride	**0.30**		0.20	0.081	mg/L			08/30/25 10:34	1
Sulfate	**2.1**		1.0	0.77	mg/L			08/30/25 10:34	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/25/25 09:15	08/26/25 18:47	1
Calcium	**7.8**		0.10	0.038	mg/L		08/25/25 09:15	08/26/25 18:47	1
Lithium	**0.0053**	**J**	0.020	0.0037	mg/L		08/25/25 09:15	08/31/25 08:45	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		08/25/25 08:58	08/27/25 19:29	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/25/25 08:58	08/27/25 19:29	1
Barium	**0.032**		0.010	0.00041	mg/L		08/25/25 08:58	08/27/25 19:29	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/25/25 08:58	08/30/25 02:49	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/25/25 08:58	08/27/25 19:29	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/25/25 08:58	08/27/25 19:29	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/25/25 08:58	08/27/25 19:29	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/25/25 08:58	08/27/25 19:29	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/25/25 08:58	08/27/25 19:29	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/25/25 08:58	08/27/25 19:29	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/25/25 08:58	08/27/25 19:29	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		09/05/25 15:04	09/05/25 19:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**42**		10	10	mg/L			08/26/25 15:45	1

Client Sample ID: WAN-WGWC-23

Lab Sample ID: 705-40516-11

Date Collected: 08/19/25 15:49
Date Received: 08/20/25 09:40

Matrix: Water

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			08/30/25 10:45	1
Fluoride	**0.18**	**J**	0.20	0.081	mg/L			08/30/25 10:45	1
Sulfate	**6.5**		1.0	0.77	mg/L			08/30/25 10:45	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/25/25 09:15	08/26/25 18:50	1
Calcium	**2.8**		0.10	0.038	mg/L		08/25/25 09:15	08/26/25 18:50	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/25/25 09:15	08/31/25 08:47	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		08/25/25 08:58	08/27/25 19:32	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/25/25 08:58	08/27/25 19:32	1
Barium	**0.0067**	**J**	0.010	0.00041	mg/L		08/25/25 08:58	08/27/25 19:32	1
Beryllium	**0.0010**		0.0010	0.00015	mg/L		08/25/25 08:58	08/30/25 02:52	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/25/25 08:58	08/27/25 19:32	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/25/25 08:58	08/27/25 19:32	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/25/25 08:58	08/27/25 19:32	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/25/25 08:58	08/27/25 19:32	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/25/25 08:58	08/27/25 19:32	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/25/25 08:58	08/27/25 19:32	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/25/25 08:58	08/27/25 19:32	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		09/05/25 15:04	09/05/25 19:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**76**		10	10	mg/L			08/26/25 15:45	1

Client Sample ID: WAN-PZ-32D

Lab Sample ID: 705-40516-12

Date Collected: 08/19/25 14:18
Date Received: 08/20/25 09:40

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**490**		10	9.8	mg/L			08/30/25 10:57	10
Fluoride	**2.8**		2.0	0.81	mg/L			08/30/25 10:57	10
Sulfate	**290**		10	7.7	mg/L			08/30/25 10:57	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**4.3**		0.080	0.026	mg/L		08/25/25 09:15	08/26/25 18:59	1
Calcium	**290**		1.0	0.38	mg/L		08/25/25 09:15	08/27/25 10:02	10
Lithium	**0.18**		0.020	0.0037	mg/L		08/25/25 09:15	08/31/25 09:00	1

Client Sample ID: WAN-PZ-32D
Lab Sample ID: 705-40516-12
Date Collected: 08/19/25 14:18
Matrix: Water
Date Received: 08/20/25 09:40

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**1800**		20	20	mg/L			08/26/25 15:45	1

Client Sample ID: WAN-AP1-FB-14
Lab Sample ID: 705-40516-13
Date Collected: 08/19/25 16:35
Matrix: Water
Date Received: 08/20/25 09:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/30/25 11:08	1
Fluoride	**0.18**	**J**	0.20	0.081	mg/L			08/30/25 11:08	1
Sulfate	<0.77		1.0	0.77	mg/L			08/30/25 11:08	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		08/25/25 09:15	08/26/25 19:02	1
Calcium	<0.038		0.10	0.038	mg/L		08/25/25 09:15	08/26/25 19:02	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/25/25 09:15	08/31/25 08:48	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		08/25/25 08:58	08/27/25 19:36	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/25/25 08:58	08/27/25 19:36	1
Barium	<0.00041		0.010	0.00041	mg/L		08/25/25 08:58	08/27/25 19:36	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/25/25 08:58	08/30/25 02:55	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/25/25 08:58	08/27/25 19:36	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/25/25 08:58	08/27/25 19:36	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/25/25 08:58	08/27/25 19:36	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/25/25 08:58	08/27/25 19:36	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/25/25 08:58	08/27/25 19:36	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/25/25 08:58	08/27/25 19:36	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/25/25 08:58	08/27/25 19:36	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		09/05/25 15:04	09/05/25 19:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			08/26/25 15:45	1

Client Sample ID: WAN-WAMW-2
Lab Sample ID: 705-40516-14
Date Collected: 08/19/25 15:52
Matrix: Water
Date Received: 08/20/25 09:40

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			08/30/25 11:19	1
Fluoride	**0.44**		0.20	0.081	mg/L			08/30/25 11:19	1
Sulfate	**6.7**		1.0	0.77	mg/L			08/30/25 11:19	1

Client Sample ID: WAN-WAMW-2

Lab Sample ID: 705-40516-14

Date Collected: 08/19/25 15:52

Matrix: Water

Date Received: 08/20/25 09:40

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/25/25 09:15	08/26/25 19:05	1
Calcium	**18**		0.10	0.038	mg/L		08/25/25 09:15	08/26/25 19:05	1
Lithium	**0.029**		0.020	0.0037	mg/L		08/25/25 09:15	08/31/25 08:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/25/25 08:58	08/27/25 19:39	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/25/25 08:58	08/27/25 19:39	1
Barium	**0.0066**	**J**	0.010	0.00041	mg/L		08/25/25 08:58	08/27/25 19:39	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/25/25 08:58	08/30/25 02:59	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/25/25 08:58	08/27/25 19:39	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/25/25 08:58	08/27/25 19:39	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/25/25 08:58	08/27/25 19:39	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/25/25 08:58	08/27/25 19:39	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/25/25 08:58	08/27/25 19:39	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/25/25 08:58	08/27/25 19:39	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/25/25 08:58	08/27/25 19:39	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		09/05/25 15:04	09/05/25 20:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**110**		10	10	mg/L			08/26/25 15:45	1

Client Sample ID: WAN-AP1-FD-08

Lab Sample ID: 705-40516-15

Date Collected: 08/19/25 00:00

Matrix: Water

Date Received: 08/20/25 09:40

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			08/30/25 11:31	1
Fluoride	**0.41**		0.20	0.081	mg/L			08/30/25 11:31	1
Sulfate	**6.7**		1.0	0.77	mg/L			08/30/25 11:31	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/25/25 09:15	08/26/25 19:08	1
Calcium	**17**		0.10	0.038	mg/L		08/25/25 09:15	08/26/25 19:08	1
Lithium	**0.028**		0.020	0.0037	mg/L		08/25/25 09:15	08/31/25 08:56	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		08/25/25 08:58	08/27/25 19:43	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/25/25 08:58	08/27/25 19:43	1
Barium	**0.0063**	**J**	0.010	0.00041	mg/L		08/25/25 08:58	08/27/25 19:43	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/25/25 08:58	08/30/25 03:02	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/25/25 08:58	08/27/25 19:43	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/25/25 08:58	08/27/25 19:43	1

Client Sample ID: WAN-AP1-FD-08

Lab Sample ID: 705-40516-15

Date Collected: 08/19/25 00:00

Matrix: Water

Date Received: 08/20/25 09:40

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		08/25/25 08:58	08/27/25 19:43	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/25/25 08:58	08/27/25 19:43	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/25/25 08:58	08/27/25 19:43	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/25/25 08:58	08/27/25 19:43	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/25/25 08:58	08/27/25 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		09/05/25 15:04	09/05/25 21:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**110**		10	10	mg/L			08/26/25 15:45	1

Client Sample ID: WAN-WGWC-9

Lab Sample ID: 705-40516-16

Date Collected: 08/19/25 17:04

Matrix: Water

Date Received: 08/20/25 09:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.4**		1.0	0.98	mg/L			08/30/25 11:42	1
Fluoride	**0.90**		0.20	0.081	mg/L			08/30/25 11:42	1
Sulfate	**47**		10	7.7	mg/L			09/03/25 14:01	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.55**		0.080	0.026	mg/L		08/25/25 09:15	08/26/25 19:11	1
Calcium	**10**		0.10	0.038	mg/L		08/25/25 09:15	08/26/25 19:11	1
Lithium	**0.035**		0.020	0.0037	mg/L		08/25/25 09:15	08/31/25 08:58	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		08/25/25 08:58	08/27/25 19:46	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/25/25 08:58	08/27/25 19:46	1
Barium	**0.00049**	**J**	0.010	0.00041	mg/L		08/25/25 08:58	08/27/25 19:46	1
Beryllium	**0.00037**	**J**	0.0010	0.00015	mg/L		08/25/25 08:58	08/30/25 03:06	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/25/25 08:58	08/27/25 19:46	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/25/25 08:58	08/27/25 19:46	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/25/25 08:58	08/27/25 19:46	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/25/25 08:58	08/27/25 19:46	1
Molybdenum	**0.0024**	**J**	0.0050	0.00069	mg/L		08/25/25 08:58	08/27/25 19:46	1
Selenium	**0.0026**	**J**	0.0050	0.0023	mg/L		08/25/25 08:58	08/27/25 19:46	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/25/25 08:58	08/27/25 19:46	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		09/05/25 15:04	09/05/25 21:29	1

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

Job ID: 705-39776-1

Client Sample ID: WAN-WGWC-9

Lab Sample ID: 705-40516-16

Date Collected: 08/19/25 17:04
Matrix: Water
Date Received: 08/20/25 09:40

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	150		10	10	mg/L			08/26/25 15:45	1

Client Sample ID: WAN-PZ-33D

Lab Sample ID: 705-40516-17

Date Collected: 08/19/25 16:54
Matrix: Water
Date Received: 08/20/25 09:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	520		20	20	mg/L			08/30/25 12:28	20
Fluoride	2.4		2.0	0.81	mg/L			08/30/25 01:13	10
Sulfate	310		10	7.7	mg/L			08/30/25 01:13	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	5.8		0.080	0.026	mg/L		08/25/25 09:15	08/26/25 19:14	1
Calcium	320		1.0	0.38	mg/L		08/25/25 09:15	08/27/25 09:34	10
Lithium	0.16		0.020	0.0037	mg/L		08/25/25 09:15	08/31/25 09:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	2000		20	20	mg/L			08/26/25 15:45	1

Method Summary

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

Job ID: 705-39776-1

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
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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-77474/115
Matrix: Water
Analysis Batch: 77474

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/26/25 17:23	1
Fluoride	<0.081		0.20	0.081	mg/L			08/26/25 17:23	1
Sulfate	<0.77		1.0	0.77	mg/L			08/26/25 17:23	1

Lab Sample ID: MB 705-77474/3
Matrix: Water
Analysis Batch: 77474

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/26/25 11:06	1
Fluoride	<0.081		0.20	0.081	mg/L			08/26/25 11:06	1
Sulfate	<0.77		1.0	0.77	mg/L			08/26/25 11:06	1

Lab Sample ID: LCS 705-77474/116
Matrix: Water
Analysis Batch: 77474

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	9.10		mg/L		91	90 - 110		
Fluoride			5.00	4.51		mg/L		90	90 - 110		
Sulfate			25.0	22.6		mg/L		90	90 - 110		

Lab Sample ID: LCS 705-77474/4
Matrix: Water
Analysis Batch: 77474

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	9.30		mg/L		93	90 - 110		
Fluoride			5.00	4.50		mg/L		90	90 - 110		
Sulfate			25.0	23.3		mg/L		93	90 - 110		

Lab Sample ID: 705-39776-1 MS
Matrix: Water
Analysis Batch: 77474

Client Sample ID: WAN-WGWA-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	1.5		10.0	10.7		mg/L		91	90 - 110		
Fluoride	<0.081	F1	5.00	4.53		mg/L		91	90 - 110		
Sulfate	<0.77		25.0	22.8		mg/L		91	90 - 110		

Lab Sample ID: 705-39776-1 MSD
Matrix: Water
Analysis Batch: 77474

Client Sample ID: WAN-WGWA-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1.5		10.0	10.5		mg/L		90	90 - 110	2	20
Fluoride	<0.081	F1	5.00	4.43	F1	mg/L		89	90 - 110	2	20
Sulfate	<0.77		25.0	23.9		mg/L		96	90 - 110	5	20

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-39776-2 MS
Matrix: Water
Analysis Batch: 77474

Client Sample ID: WAN-WGWA-18
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	2.2	F1	10.0	11.0	F1	mg/L		88	90 - 110		
Fluoride	<0.081	F1	5.00	4.31	F1	mg/L		86	90 - 110		
Sulfate	6.0		25.0	29.2		mg/L		93	90 - 110		

Lab Sample ID: 705-39776-2 MSD
Matrix: Water
Analysis Batch: 77474

Client Sample ID: WAN-WGWA-18
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.2	F1	10.0	10.9	F1	mg/L		88	90 - 110	0	20
Fluoride	<0.081	F1	5.00	4.29	F1	mg/L		86	90 - 110	0	20
Sulfate	6.0		25.0	30.1		mg/L		96	90 - 110	3	20

Lab Sample ID: MB 705-78103/11
Matrix: Water
Analysis Batch: 78103

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/28/25 11:26	1
Fluoride	<0.081		0.20	0.081	mg/L			08/28/25 11:26	1
Sulfate	<0.77		1.0	0.77	mg/L			08/28/25 11:26	1

Lab Sample ID: LCS 705-78103/12
Matrix: Water
Analysis Batch: 78103

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	10.1		mg/L		101	90 - 110		
Fluoride			5.00	4.81		mg/L		96	90 - 110		
Sulfate			25.0	24.6		mg/L		99	90 - 110		

Lab Sample ID: 705-41146-H-2 MS
Matrix: Water
Analysis Batch: 78103

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	1.1	F1	10.0	7.74	F1	mg/L		66	90 - 110		
Fluoride	<0.081	F1	5.00	3.47	F1	mg/L		69	90 - 110		
Sulfate	0.90	J F1	25.0	19.4	F1	mg/L		74	90 - 110		

Lab Sample ID: 705-41146-H-2 MSD
Matrix: Water
Analysis Batch: 78103

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1.1	F1	10.0	8.83	F1	mg/L		77	90 - 110	13	20
Fluoride	<0.081	F1	5.00	3.98	F1	mg/L		80	90 - 110	14	20
Sulfate	0.90	J F1	25.0	21.1	F1	mg/L		81	90 - 110	9	20

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 705-78456/114
Matrix: Water
Analysis Batch: 78456

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/30/25 02:33	1
Fluoride	<0.081		0.20	0.081	mg/L			08/30/25 02:33	1
Sulfate	<0.77		1.0	0.77	mg/L			08/30/25 02:33	1

Lab Sample ID: MB 705-78456/142
Matrix: Water
Analysis Batch: 78456

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/30/25 08:17	1
Fluoride	<0.081		0.20	0.081	mg/L			08/30/25 08:17	1
Sulfate	<0.77		1.0	0.77	mg/L			08/30/25 08:17	1

Lab Sample ID: MB 705-78456/3
Matrix: Water
Analysis Batch: 78456

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/29/25 14:33	1
Fluoride	<0.081		0.20	0.081	mg/L			08/29/25 14:33	1
Sulfate	<0.77		1.0	0.77	mg/L			08/29/25 14:33	1

Lab Sample ID: MB 705-78456/84
Matrix: Water
Analysis Batch: 78456

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/29/25 20:16	1
Fluoride	<0.081		0.20	0.081	mg/L			08/29/25 20:16	1
Sulfate	<0.77		1.0	0.77	mg/L			08/29/25 20:16	1

Lab Sample ID: LCS 705-78456/115
Matrix: Water
Analysis Batch: 78456

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	5.17		mg/L		103	90 - 110
Sulfate	25.0	25.5		mg/L		102	90 - 110

Lab Sample ID: LCS 705-78456/143
Matrix: Water
Analysis Batch: 78456

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	5.12		mg/L		102	90 - 110
Sulfate	25.0	25.4		mg/L		102	90 - 110

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 705-78456/4
Matrix: Water
Analysis Batch: 78456

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.2		mg/L		102	90 - 110
Fluoride	5.00	5.07		mg/L		101	90 - 110
Sulfate	25.0	25.5		mg/L		102	90 - 110

Lab Sample ID: LCS 705-78456/85
Matrix: Water
Analysis Batch: 78456

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	5.27		mg/L		105	90 - 110
Sulfate	25.0	26.0		mg/L		104	90 - 110

Lab Sample ID: 705-40516-1 MS
Matrix: Water
Analysis Batch: 78456

Client Sample ID: WAN-WGWC-11
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4.3		10.0	14.3		mg/L		99	90 - 110
Fluoride	0.17	J	5.00	5.17		mg/L		100	90 - 110
Sulfate	1.5		25.0	26.4		mg/L		100	90 - 110

Lab Sample ID: 705-40516-1 MSD
Matrix: Water
Analysis Batch: 78456

Client Sample ID: WAN-WGWC-11
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4.3		10.0	14.4		mg/L		101	90 - 110	1	20
Fluoride	0.17	J	5.00	5.20		mg/L		101	90 - 110	1	20
Sulfate	1.5		25.0	27.1		mg/L		102	90 - 110	2	20

Lab Sample ID: 705-41172-A-5 MS
Matrix: Water
Analysis Batch: 78456

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	31	F1	10.0	38.3	F1	mg/L		69	90 - 110
Fluoride	0.30		5.00	5.31		mg/L		100	90 - 110
Sulfate	1.2		25.0	26.4		mg/L		101	90 - 110

Lab Sample ID: 705-41172-A-5 MSD
Matrix: Water
Analysis Batch: 78456

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	31	F1	10.0	38.3	F1	mg/L		68	90 - 110	0	20
Fluoride	0.30		5.00	5.21		mg/L		98	90 - 110	2	20
Sulfate	1.2		25.0	26.0		mg/L		99	90 - 110	2	20

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-41226-E-1 MS
Matrix: Water
Analysis Batch: 78456

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	4.8		10.0	14.7		mg/L		98	90 - 110		
Fluoride	0.19	J	5.00	5.20		mg/L		100	90 - 110		
Sulfate	3.0		25.0	28.0		mg/L		100	90 - 110		

Lab Sample ID: 705-41226-E-1 MSD
Matrix: Water
Analysis Batch: 78456

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	4.8		10.0	14.9		mg/L		101	90 - 110	2	20
Fluoride	0.19	J	5.00	5.34		mg/L		103	90 - 110	3	20
Sulfate	3.0		25.0	28.9		mg/L		103	90 - 110	3	20

Lab Sample ID: 705-41324-A-1 MS
Matrix: Water
Analysis Batch: 78456

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	2.9		10.0	12.8		mg/L		99	90 - 110		
Fluoride	0.29		5.00	5.23		mg/L		99	90 - 110		
Sulfate	8.2		25.0	33.4		mg/L		101	90 - 110		

Lab Sample ID: 705-41324-A-1 MSD
Matrix: Water
Analysis Batch: 78456

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	2.9		10.0	13.0		mg/L		102	90 - 110	2	20
Fluoride	0.29		5.00	5.41		mg/L		102	90 - 110	3	20
Sulfate	8.2		25.0	33.3		mg/L		100	90 - 110	0	20

Lab Sample ID: MB 705-79130/3
Matrix: Water
Analysis Batch: 79130

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.77		1.0	0.77	mg/L			09/03/25 11:10	1

Lab Sample ID: LCS 705-79130/4
Matrix: Water
Analysis Batch: 79130

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			25.0	22.5		mg/L		90	90 - 110		

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-41599-A-1 MS
Matrix: Water
Analysis Batch: 79130

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
Sulfate	1.9	F1	25.0	21.1	F1	mg/L		77	90 - 110

Lab Sample ID: 705-41599-A-1 MSD
Matrix: Water
Analysis Batch: 79130

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
Sulfate	1.9	F1	25.0	23.4	F1	mg/L		86	90 - 110	11	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-76152/1-A
Matrix: Water
Analysis Batch: 76347

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 76152

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/20/25 12:12	08/20/25 21:05	1
Calcium	<0.038		0.10	0.038	mg/L		08/20/25 12:12	08/20/25 21:05	1

Lab Sample ID: MB 705-76152/1-A
Matrix: Water
Analysis Batch: 76568

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 76152

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0037		0.020	0.0037	mg/L		08/20/25 12:12	08/21/25 10:35	1

Lab Sample ID: LCS 705-76152/2-A
Matrix: Water
Analysis Batch: 76347

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 76152

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	10.3		mg/L		103	80 - 120

Lab Sample ID: LCS 705-76152/2-A
Matrix: Water
Analysis Batch: 76568

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 76152

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	1.13		mg/L		113	80 - 120

Lab Sample ID: 680-266200-D-1-B MS
Matrix: Water
Analysis Batch: 76347

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 76152

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	5.1		1.00	6.02		mg/L		89	75 - 125
Calcium	110		10.0	120	4	mg/L		71	75 - 125

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

Lab Sample ID: 680-266200-D-1-B MS
Matrix: Water
Analysis Batch: 76568

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 76152

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.014	J F1	1.00	1.43	F1	mg/L		141	75 - 125

Lab Sample ID: 680-266200-D-1-C MSD
Matrix: Water
Analysis Batch: 76347

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 76152

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	5.1		1.00	6.18		mg/L		105	75 - 125	3	20
Calcium	110		10.0	123	4	mg/L		106	75 - 125	3	20

Lab Sample ID: 680-266200-D-1-C MSD
Matrix: Water
Analysis Batch: 76568

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 76152

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	0.014	J F1	1.00	1.45	F1	mg/L		144	75 - 125	2	20

Lab Sample ID: MB 705-77076/1-A
Matrix: Water
Analysis Batch: 77679

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 77076

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/25/25 09:15	08/26/25 17:54	1
Calcium	<0.038		0.10	0.038	mg/L		08/25/25 09:15	08/26/25 17:54	1

Lab Sample ID: MB 705-77076/1-A
Matrix: Water
Analysis Batch: 78705

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 77076

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0037		0.020	0.0037	mg/L		08/25/25 09:15	08/31/25 08:12	1

Lab Sample ID: LCS 705-77076/2-A
Matrix: Water
Analysis Batch: 77679

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 77076

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.990		mg/L		99	80 - 120
Calcium	10.0	10.3		mg/L		103	80 - 120

Lab Sample ID: LCS 705-77076/2-A
Matrix: Water
Analysis Batch: 78705

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 77076

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	1.17		mg/L		117	80 - 120

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

Lab Sample ID: 705-40516-2 MS
Matrix: Water
Analysis Batch: 77679

Client Sample ID: WAN-WGWC-27
Prep Type: Total/NA
Prep Batch: 77076

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.16		1.00	1.16		mg/L		100	75 - 125
Calcium	15		10.0	25.7		mg/L		105	75 - 125

Lab Sample ID: 705-40516-2 MS
Matrix: Water
Analysis Batch: 78705

Client Sample ID: WAN-WGWC-27
Prep Type: Total/NA
Prep Batch: 77076

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.031	F1	1.00	1.29	F1	mg/L		126	75 - 125

Lab Sample ID: 705-40516-2 MSD
Matrix: Water
Analysis Batch: 77679

Client Sample ID: WAN-WGWC-27
Prep Type: Total/NA
Prep Batch: 77076

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.16		1.00	1.16		mg/L		100	75 - 125	0	20
Calcium	15		10.0	25.6		mg/L		104	75 - 125	0	20

Lab Sample ID: 705-40516-2 MSD
Matrix: Water
Analysis Batch: 78705

Client Sample ID: WAN-WGWC-27
Prep Type: Total/NA
Prep Batch: 77076

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	0.031	F1	1.00	1.28		mg/L		125	75 - 125	0	20

Lab Sample ID: MB 705-77376/1-A
Matrix: Water
Analysis Batch: 77680

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 77376

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/26/25 09:08	08/26/25 19:21	1
Calcium	<0.038		0.10	0.038	mg/L		08/26/25 09:08	08/26/25 19:21	1

Lab Sample ID: MB 705-77376/1-A
Matrix: Water
Analysis Batch: 78706

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 77376

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0037		0.020	0.0037	mg/L		08/26/25 09:08	08/31/25 09:04	1

Lab Sample ID: LCS 705-77376/2-A
Matrix: Water
Analysis Batch: 77680

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 77376

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.990		mg/L		99	80 - 120
Calcium	10.0	10.3		mg/L		103	80 - 120

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

Lab Sample ID: LCS 705-77376/2-A
Matrix: Water
Analysis Batch: 78706

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 77376

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Lithium			1.00	1.20		mg/L		120	80 - 120		

Lab Sample ID: 705-40192-7 MS
Matrix: Water
Analysis Batch: 77680

Client Sample ID: WAN-AP1-EB-01
Prep Type: Total/NA
Prep Batch: 77376

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron	<0.026		1.00	0.999		mg/L		100	75 - 125		
Calcium	<0.038		10.0	10.4		mg/L		104	75 - 125		

Lab Sample ID: 705-40192-7 MS
Matrix: Water
Analysis Batch: 78706

Client Sample ID: WAN-AP1-EB-01
Prep Type: Total/NA
Prep Batch: 77376

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Lithium	<0.0037		1.00	1.21		mg/L		121	75 - 125		

Lab Sample ID: 705-40192-7 MSD
Matrix: Water
Analysis Batch: 77680

Client Sample ID: WAN-AP1-EB-01
Prep Type: Total/NA
Prep Batch: 77376

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	0.993		mg/L		99	75 - 125	1	20
Calcium	<0.038		10.0	10.3		mg/L		103	75 - 125	1	20

Lab Sample ID: 705-40192-7 MSD
Matrix: Water
Analysis Batch: 78706

Client Sample ID: WAN-AP1-EB-01
Prep Type: Total/NA
Prep Batch: 77376

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0037		1.00	1.20		mg/L		120	75 - 125	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-76281/1-A
Matrix: Water
Analysis Batch: 77123

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 76281

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/21/25 09:28	08/23/25 02:05	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/21/25 09:28	08/23/25 02:05	1
Barium	<0.00041		0.010	0.00041	mg/L		08/21/25 09:28	08/23/25 02:05	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/21/25 09:28	08/23/25 02:05	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/21/25 09:28	08/23/25 02:05	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/21/25 09:28	08/23/25 02:05	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/21/25 09:28	08/23/25 02:05	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/21/25 09:28	08/23/25 02:05	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/21/25 09:28	08/23/25 02:05	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/21/25 09:28	08/23/25 02:05	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/21/25 09:28	08/23/25 02:05	1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LCS 705-76281/2-A
Matrix: Water
Analysis Batch: 77123

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 76281

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0935		mg/L		94	80 - 120
Arsenic	0.100	0.106		mg/L		106	80 - 120
Barium	0.100	0.0944		mg/L		94	80 - 120
Beryllium	0.100	0.0893		mg/L		89	80 - 120
Cadmium	0.100	0.0919		mg/L		92	80 - 120
Chromium	0.100	0.103		mg/L		103	80 - 120
Cobalt	0.100	0.105		mg/L		105	80 - 120
Lead	0.100	0.0995		mg/L		100	80 - 120
Molybdenum	0.100	0.101		mg/L		101	80 - 120
Selenium	0.100	0.102		mg/L		102	80 - 120
Thallium	0.100	0.102		mg/L		102	80 - 120

Lab Sample ID: 705-40192-1 MS
Matrix: Water
Analysis Batch: 77123

Client Sample ID: WAN-WGWA-7
Prep Type: Total Recoverable
Prep Batch: 76281

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0915		mg/L		91	75 - 125
Arsenic	<0.0013		0.100	0.0946		mg/L		95	75 - 125
Barium	0.012		0.100	0.104		mg/L		92	75 - 125
Beryllium	<0.00015		0.100	0.0896		mg/L		90	75 - 125
Cadmium	<0.00024		0.100	0.0916		mg/L		92	75 - 125
Chromium	<0.0037		0.100	0.0984		mg/L		98	75 - 125
Cobalt	<0.00041		0.100	0.0988		mg/L		99	75 - 125
Lead	<0.00086		0.100	0.0984		mg/L		98	75 - 125
Molybdenum	<0.00069		0.100	0.100		mg/L		100	75 - 125
Selenium	<0.0023		0.100	0.0994		mg/L		99	75 - 125
Thallium	<0.00019		0.100	0.101		mg/L		101	75 - 125

Lab Sample ID: 705-40192-1 MSD
Matrix: Water
Analysis Batch: 77123

Client Sample ID: WAN-WGWA-7
Prep Type: Total Recoverable
Prep Batch: 76281

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0949		mg/L		95	75 - 125	4	20
Arsenic	<0.0013		0.100	0.100		mg/L		100	75 - 125	6	20
Barium	0.012		0.100	0.107		mg/L		95	75 - 125	3	20
Beryllium	<0.00015		0.100	0.0915		mg/L		92	75 - 125	2	20
Cadmium	<0.00024		0.100	0.0911		mg/L		91	75 - 125	1	20
Chromium	<0.0037		0.100	0.104		mg/L		104	75 - 125	6	20
Cobalt	<0.00041		0.100	0.106		mg/L		106	75 - 125	7	20
Lead	<0.00086		0.100	0.102		mg/L		102	75 - 125	4	20
Molybdenum	<0.00069		0.100	0.102		mg/L		102	75 - 125	1	20
Selenium	<0.0023		0.100	0.103		mg/L		103	75 - 125	4	20
Thallium	<0.00019		0.100	0.104		mg/L		104	75 - 125	3	20

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

Lab Sample ID: MB 705-76395/1-A
Matrix: Water
Analysis Batch: 76778

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 76395

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/21/25 10:30	08/21/25 19:58	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/21/25 10:30	08/21/25 19:58	1
Barium	<0.00041		0.010	0.00041	mg/L		08/21/25 10:30	08/21/25 19:58	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/21/25 10:30	08/21/25 19:58	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/21/25 10:30	08/21/25 19:58	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/21/25 10:30	08/21/25 19:58	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/21/25 10:30	08/21/25 19:58	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/21/25 10:30	08/21/25 19:58	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/21/25 10:30	08/21/25 19:58	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/21/25 10:30	08/21/25 19:58	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/21/25 10:30	08/21/25 19:58	1

Lab Sample ID: LCS 705-76395/2-A
Matrix: Water
Analysis Batch: 76778

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 76395

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0942		mg/L		94	80 - 120
Arsenic	0.100	0.0988		mg/L		99	80 - 120
Barium	0.100	0.0975		mg/L		98	80 - 120
Beryllium	0.100	0.0965		mg/L		96	80 - 120
Cadmium	0.100	0.0932		mg/L		93	80 - 120
Chromium	0.100	0.0999		mg/L		100	80 - 120
Cobalt	0.100	0.0986		mg/L		99	80 - 120
Lead	0.100	0.0967		mg/L		97	80 - 120
Molybdenum	0.100	0.0965		mg/L		97	80 - 120
Selenium	0.100	0.0992		mg/L		99	80 - 120
Thallium	0.100	0.0976		mg/L		98	80 - 120

Lab Sample ID: 705-40192-16 MS
Matrix: Water
Analysis Batch: 76778

Client Sample ID: WAN-AP1-FD-01
Prep Type: Total Recoverable
Prep Batch: 76395

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0915		mg/L		92	75 - 125
Arsenic	<0.0013		0.100	0.101		mg/L		101	75 - 125
Barium	0.039		0.100	0.133		mg/L		94	75 - 125
Beryllium	<0.00015		0.100	0.0957		mg/L		96	75 - 125
Cadmium	<0.00024		0.100	0.0915		mg/L		92	75 - 125
Chromium	<0.0037		0.100	0.101		mg/L		101	75 - 125
Cobalt	<0.00041		0.100	0.102		mg/L		102	75 - 125
Lead	<0.00086		0.100	0.0951		mg/L		95	75 - 125
Molybdenum	<0.00069		0.100	0.0976		mg/L		98	75 - 125
Selenium	<0.0023		0.100	0.0985		mg/L		99	75 - 125
Thallium	<0.00019		0.100	0.0963		mg/L		96	75 - 125

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

Lab Sample ID: 705-40192-16 MSD
Matrix: Water
Analysis Batch: 76778

Client Sample ID: WAN-AP1-FD-01
Prep Type: Total Recoverable
Prep Batch: 76395

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0933		mg/L		93	75 - 125	2	20
Arsenic	<0.0013		0.100	0.0948		mg/L		95	75 - 125	6	20
Barium	0.039		0.100	0.132		mg/L		93	75 - 125	1	20
Beryllium	<0.00015		0.100	0.0949		mg/L		95	75 - 125	1	20
Cadmium	<0.00024		0.100	0.0924		mg/L		92	75 - 125	1	20
Chromium	<0.0037		0.100	0.0976		mg/L		98	75 - 125	4	20
Cobalt	<0.00041		0.100	0.0952		mg/L		95	75 - 125	7	20
Lead	<0.00086		0.100	0.0954		mg/L		95	75 - 125	0	20
Molybdenum	<0.00069		0.100	0.0976		mg/L		98	75 - 125	0	20
Selenium	<0.0023		0.100	0.0986		mg/L		99	75 - 125	0	20
Thallium	<0.00019		0.100	0.0961		mg/L		96	75 - 125	0	20

Lab Sample ID: MB 705-77072/1-A
Matrix: Water
Analysis Batch: 78024

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 77072

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/25/25 08:58	08/27/25 17:55	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/25/25 08:58	08/27/25 17:55	1
Barium	<0.00041		0.010	0.00041	mg/L		08/25/25 08:58	08/27/25 17:55	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/25/25 08:58	08/27/25 17:55	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/25/25 08:58	08/27/25 17:55	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/25/25 08:58	08/27/25 17:55	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/25/25 08:58	08/27/25 17:55	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/25/25 08:58	08/27/25 17:55	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/25/25 08:58	08/27/25 17:55	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/25/25 08:58	08/27/25 17:55	1

Lab Sample ID: MB 705-77072/1-A
Matrix: Water
Analysis Batch: 78927

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 77072

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/25/25 08:58	08/30/25 18:08	1

Lab Sample ID: LCS 705-77072/2-A
Matrix: Water
Analysis Batch: 78024

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 77072

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0969		mg/L		97	80 - 120
Arsenic	0.100	0.0919		mg/L		92	80 - 120
Barium	0.100	0.0966		mg/L		97	80 - 120
Cadmium	0.100	0.0921		mg/L		92	80 - 120
Chromium	0.100	0.0903		mg/L		90	80 - 120
Cobalt	0.100	0.0916		mg/L		92	80 - 120
Lead	0.100	0.109		mg/L		109	80 - 120
Molybdenum	0.100	0.0953		mg/L		95	80 - 120
Selenium	0.100	0.0911		mg/L		91	80 - 120

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

Lab Sample ID: LCS 705-77072/2-A
Matrix: Water
Analysis Batch: 78024

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 77072

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	0.100	0.0945		mg/L		94	80 - 120

Lab Sample ID: LCS 705-77072/2-A
Matrix: Water
Analysis Batch: 78927

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 77072

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.100	0.0829		mg/L		83	80 - 120

Lab Sample ID: 705-40516-1 MS
Matrix: Water
Analysis Batch: 78024

Client Sample ID: WAN-WGWC-11
Prep Type: Total Recoverable
Prep Batch: 77072

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0972		mg/L		97	75 - 125
Arsenic	<0.0013		0.100	0.0985		mg/L		99	75 - 125
Barium	0.050		0.100	0.150		mg/L		100	75 - 125
Cadmium	<0.00024		0.100	0.0918		mg/L		92	75 - 125
Chromium	<0.0037		0.100	0.0930		mg/L		93	75 - 125
Cobalt	0.00043	J	0.100	0.0945		mg/L		94	75 - 125
Lead	<0.00086		0.100	0.108		mg/L		108	75 - 125
Molybdenum	<0.00069		0.100	0.0975		mg/L		97	75 - 125
Selenium	<0.0023		0.100	0.0992		mg/L		99	75 - 125
Thallium	0.00049	J	0.100	0.0998		mg/L		99	75 - 125

Lab Sample ID: 705-40516-1 MS
Matrix: Water
Analysis Batch: 78927

Client Sample ID: WAN-WGWC-11
Prep Type: Total Recoverable
Prep Batch: 77072

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	<0.00015	F1	0.100	0.0709	F1	mg/L		71	75 - 125

Lab Sample ID: 705-40516-1 MSD
Matrix: Water
Analysis Batch: 78024

Client Sample ID: WAN-WGWC-11
Prep Type: Total Recoverable
Prep Batch: 77072

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0955		mg/L		96	75 - 125	2	20
Arsenic	<0.0013		0.100	0.0976		mg/L		98	75 - 125	1	20
Barium	0.050		0.100	0.149		mg/L		99	75 - 125	1	20
Cadmium	<0.00024		0.100	0.0875		mg/L		88	75 - 125	5	20
Chromium	<0.0037		0.100	0.0897		mg/L		90	75 - 125	4	20
Cobalt	0.00043	J	0.100	0.0905		mg/L		90	75 - 125	4	20
Lead	<0.00086		0.100	0.105		mg/L		105	75 - 125	3	20
Molybdenum	<0.00069		0.100	0.0956		mg/L		96	75 - 125	2	20
Selenium	<0.0023		0.100	0.0967		mg/L		97	75 - 125	3	20
Thallium	0.00049	J	0.100	0.0977		mg/L		97	75 - 125	2	20

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

Lab Sample ID: 705-40516-1 MSD
Matrix: Water
Analysis Batch: 78927

Client Sample ID: WAN-WGWC-11
Prep Type: Total Recoverable
Prep Batch: 77072

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Beryllium	<0.00015	F1	0.100	0.0764		mg/L		76	75 - 125	8	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-76261/1-A
Matrix: Water
Analysis Batch: 76659

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 76261

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000431		0.00020	0.00017	mg/L		08/20/25 16:07	08/20/25 19:41	1

Lab Sample ID: LCS 705-76261/2-A
Matrix: Water
Analysis Batch: 76659

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 76261

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00374		mg/L		93	80 - 120

Lab Sample ID: MB 705-76821/1-A
Matrix: Water
Analysis Batch: 76887

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 76821

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		08/22/25 09:26	08/22/25 12:44	1

Lab Sample ID: LCS 705-76821/2-A
Matrix: Water
Analysis Batch: 76887

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 76821

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00384		mg/L		96	80 - 120

Lab Sample ID: 705-39467-E-8-E MS
Matrix: Water
Analysis Batch: 76887

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 76821

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.0024		0.00400	0.00605		mg/L		92	75 - 125

Lab Sample ID: 705-39467-E-8-F MSD
Matrix: Water
Analysis Batch: 76887

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 76821

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.0024		0.00400	0.00643		mg/L		101	75 - 125	6	20

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: MB 705-79173/1-A
Matrix: Water
Analysis Batch: 79331

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 79173

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		09/03/25 13:05	09/03/25 16:23	1

Lab Sample ID: LCS 705-79173/2-A
Matrix: Water
Analysis Batch: 79331

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 79173

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00413		mg/L		103	80 - 120

Lab Sample ID: 705-40139-C-21-I MS
Matrix: Water
Analysis Batch: 79331

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 79173

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00017		0.00400	0.00419		mg/L		105	75 - 125

Lab Sample ID: 705-40139-C-21-J MSD
Matrix: Water
Analysis Batch: 79331

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 79173

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00425		mg/L		106	75 - 125	2	20

Lab Sample ID: MB 705-79490/1-A
Matrix: Water
Analysis Batch: 79589

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 79490

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		09/04/25 14:00	09/04/25 18:09	1

Lab Sample ID: LCS 705-79490/2-A
Matrix: Water
Analysis Batch: 79589

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 79490

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: 680-266906-C-1-E MS
Matrix: Water
Analysis Batch: 79589

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 79490

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00017		0.00400	0.00406		mg/L		101	75 - 125

Lab Sample ID: 680-266906-C-1-F MSD
Matrix: Water
Analysis Batch: 79589

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 79490

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00408		mg/L		102	75 - 125	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-79844/1-A
Matrix: Water
Analysis Batch: 80795

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 79844

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		09/05/25 12:52	09/05/25 18:22	1

Lab Sample ID: LCS 705-79844/2-A
Matrix: Water
Analysis Batch: 80795

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 79844

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00420		mg/L		105	80 - 120

Lab Sample ID: 705-40908-D-1-E MS
Matrix: Water
Analysis Batch: 80795

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 79844

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00017		0.00400	0.00422		mg/L		105	75 - 125

Lab Sample ID: 705-40908-D-1-F MSD
Matrix: Water
Analysis Batch: 80795

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 79844

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00426		mg/L		106	75 - 125	1	20

Lab Sample ID: MB 705-79859/1-A
Matrix: Water
Analysis Batch: 80060

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 79859

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		09/05/25 15:04	09/05/25 19:04	1

Lab Sample ID: LCS 705-79859/2-A
Matrix: Water
Analysis Batch: 80060

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 79859

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00454		mg/L		113	80 - 120

Lab Sample ID: 705-40516-5 MS
Matrix: Water
Analysis Batch: 80060

Client Sample ID: WAN-WGWC-22
Prep Type: Total/NA
Prep Batch: 79859

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00017		0.00400	0.00454		mg/L		113	75 - 125

Lab Sample ID: 705-40516-5 MSD
Matrix: Water
Analysis Batch: 80060

Client Sample ID: WAN-WGWC-22
Prep Type: Total/NA
Prep Batch: 79859

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00449		mg/L		112	75 - 125	1	20

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

Lab Sample ID: MB 705-75166/1
Matrix: Water
Analysis Batch: 75166

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	NC		10	10	mg/L			08/15/25 10:45	1

Lab Sample ID: LCS 705-75166/2
Matrix: Water
Analysis Batch: 75166

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	1090		mg/L		109	80 - 120		

Lab Sample ID: 705-39724-C-1 DU
Matrix: Water
Analysis Batch: 75166

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	14000			14300		mg/L				0.7	10

Lab Sample ID: MB 705-75629/1
Matrix: Water
Analysis Batch: 75629

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/18/25 14:15	1

Lab Sample ID: LCS 705-75629/2
Matrix: Water
Analysis Batch: 75629

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

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

Lab Sample ID: 705-40192-8 DU
Matrix: Water
Analysis Batch: 75629

Client Sample ID: WAN-WGWC-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	740			766		mg/L				3	10

Lab Sample ID: MB 705-75636/1
Matrix: Water
Analysis Batch: 75636

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/18/25 15:30	1

Lab Sample ID: LCS 705-75636/2
Matrix: Water
Analysis Batch: 75636

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	984		mg/L		99	80 - 120		

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

Lab Sample ID: 705-40192-14 DU
Matrix: Water
Analysis Batch: 75636

Client Sample ID: WAN-WGWC-28D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	3600			3780		mg/L				NC	10

Lab Sample ID: MB 705-75855/1
Matrix: Water
Analysis Batch: 75855

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/19/25 15:30	1

Lab Sample ID: LCS 705-75855/2
Matrix: Water
Analysis Batch: 75855

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	964		mg/L		97	80 - 120		

Lab Sample ID: 705-39957-D-1 DU
Matrix: Water
Analysis Batch: 75855

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	2700			2700		mg/L				0.6	10

Lab Sample ID: MB 705-76817/1
Matrix: Water
Analysis Batch: 76817

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/22/25 15:30	1

Lab Sample ID: LCS 705-76817/2
Matrix: Water
Analysis Batch: 76817

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	996		mg/L		100	80 - 120		

Lab Sample ID: 705-40310-I-1 DU
Matrix: Water
Analysis Batch: 76817

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	1700			1700		mg/L				NC	10

Lab Sample ID: MB 705-77584/1
Matrix: Water
Analysis Batch: 77584

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/26/25 15:45	1

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

Job ID: 705-39776-1

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

Lab Sample ID: LCS 705-77584/2
Matrix: Water
Analysis Batch: 77584

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	1000		mg/L		100	80 - 120		

Lab Sample ID: 705-40612-P-1 DU
Matrix: Water
Analysis Batch: 77584

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	1500			1480		mg/L				0.5	10

HPLC/IC

Analysis Batch: 77474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-39776-1	WAN-WGWA-3	Total/NA	Water	300.0	
705-39776-2	WAN-WGWA-18	Total/NA	Water	300.0	
705-39776-3	WAN-WGWA-4	Total/NA	Water	300.0	
705-39776-4	WAN-WGWA-6	Total/NA	Water	300.0	
705-39776-5	WAN-WGWA-1	Total/NA	Water	300.0	
705-39776-6	WAN-WGWA-2	Total/NA	Water	300.0	
MB 705-77474/115	Method Blank	Total/NA	Water	300.0	
MB 705-77474/3	Method Blank	Total/NA	Water	300.0	
LCS 705-77474/116	Lab Control Sample	Total/NA	Water	300.0	
LCS 705-77474/4	Lab Control Sample	Total/NA	Water	300.0	
705-39776-1 MS	WAN-WGWA-3	Total/NA	Water	300.0	
705-39776-1 MSD	WAN-WGWA-3	Total/NA	Water	300.0	
705-39776-2 MS	WAN-WGWA-18	Total/NA	Water	300.0	
705-39776-2 MSD	WAN-WGWA-18	Total/NA	Water	300.0	

Analysis Batch: 78103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40192-1	WAN-WGWA-7	Total/NA	Water	300.0	
705-40192-2	WAN-WGWC-25	Total/NA	Water	300.0	
MB 705-78103/11	Method Blank	Total/NA	Water	300.0	
LCS 705-78103/12	Lab Control Sample	Total/NA	Water	300.0	
705-41146-H-2 MS	Matrix Spike	Total/NA	Water	300.0	
705-41146-H-2 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 78456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40192-3	WAN-WGWC-17	Total/NA	Water	300.0	
705-40192-4	WAN-WGWC-15	Total/NA	Water	300.0	
705-40192-5	WAN-PZ-31	Total/NA	Water	300.0	
705-40192-6	WAN-PZ-26D	Total/NA	Water	300.0	
705-40192-7	WAN-AP1-EB-01	Total/NA	Water	300.0	
705-40192-8	WAN-WGWC-8	Total/NA	Water	300.0	
705-40192-8	WAN-WGWC-8	Total/NA	Water	300.0	
705-40192-9	WAN-WGWC-13	Total/NA	Water	300.0	
705-40192-10	WAN-WGWC-14A	Total/NA	Water	300.0	
705-40192-11	WAN-WGWC-16	Total/NA	Water	300.0	
705-40192-12	WAN-WGWC-19	Total/NA	Water	300.0	
705-40192-13	WAN-WGWC-20	Total/NA	Water	300.0	
705-40192-13	WAN-WGWC-20	Total/NA	Water	300.0	
705-40192-14	WAN-WGWC-28D	Total/NA	Water	300.0	
705-40192-14	WAN-WGWC-28D	Total/NA	Water	300.0	
705-40192-15	WAN-WAMW-1	Total/NA	Water	300.0	
705-40192-16	WAN-AP1-FD-01	Total/NA	Water	300.0	
705-40192-17	WAN-AP1-FD-02	Total/NA	Water	300.0	
705-40192-18	WAN-AP1-FB-07	Total/NA	Water	300.0	
705-40192-19	WAN-AP1-EB-02	Total/NA	Water	300.0	
705-40192-20	WAN-WGWC-12	Total/NA	Water	300.0	
705-40516-1	WAN-WGWC-11	Total/NA	Water	300.0	
705-40516-2	WAN-WGWC-27	Total/NA	Water	300.0	
705-40516-3	WAN-AP1-FB-08	Total/NA	Water	300.0	
705-40516-4	WAN-WGWC-24	Total/NA	Water	300.0	

HPLC/IC (Continued)

Analysis Batch: 78456 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40516-5	WAN-WGWC-22	Total/NA	Water	300.0	
705-40516-5	WAN-WGWC-22	Total/NA	Water	300.0	
705-40516-6	WAN-AP1-FD-03	Total/NA	Water	300.0	
705-40516-7	WAN-AP1-EB-03	Total/NA	Water	300.0	
705-40516-8	WAN-WGWC-21	Total/NA	Water	300.0	
705-40516-8	WAN-WGWC-21	Total/NA	Water	300.0	
705-40516-9	WAN-AP1-FB-09	Total/NA	Water	300.0	
705-40516-10	WAN-WGWC-10	Total/NA	Water	300.0	
705-40516-11	WAN-WGWC-23	Total/NA	Water	300.0	
705-40516-12	WAN-PZ-32D	Total/NA	Water	300.0	
705-40516-13	WAN-AP1-FB-14	Total/NA	Water	300.0	
705-40516-14	WAN-WAMW-2	Total/NA	Water	300.0	
705-40516-15	WAN-AP1-FD-08	Total/NA	Water	300.0	
705-40516-16	WAN-WGWC-9	Total/NA	Water	300.0	
705-40516-17	WAN-PZ-33D	Total/NA	Water	300.0	
705-40516-17	WAN-PZ-33D	Total/NA	Water	300.0	
MB 705-78456/114	Method Blank	Total/NA	Water	300.0	
MB 705-78456/142	Method Blank	Total/NA	Water	300.0	
MB 705-78456/3	Method Blank	Total/NA	Water	300.0	
MB 705-78456/84	Method Blank	Total/NA	Water	300.0	
LCS 705-78456/115	Lab Control Sample	Total/NA	Water	300.0	
LCS 705-78456/143	Lab Control Sample	Total/NA	Water	300.0	
LCS 705-78456/4	Lab Control Sample	Total/NA	Water	300.0	
LCS 705-78456/85	Lab Control Sample	Total/NA	Water	300.0	
705-40516-1 MS	WAN-WGWC-11	Total/NA	Water	300.0	
705-40516-1 MSD	WAN-WGWC-11	Total/NA	Water	300.0	
705-41172-A-5 MS	Matrix Spike	Total/NA	Water	300.0	
705-41172-A-5 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
705-41226-E-1 MS	Matrix Spike	Total/NA	Water	300.0	
705-41226-E-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
705-41324-A-1 MS	Matrix Spike	Total/NA	Water	300.0	
705-41324-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 79130

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40516-16	WAN-WGWC-9	Total/NA	Water	300.0	
MB 705-79130/3	Method Blank	Total/NA	Water	300.0	
LCS 705-79130/4	Lab Control Sample	Total/NA	Water	300.0	
705-41599-A-1 MS	Matrix Spike	Total/NA	Water	300.0	
705-41599-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 76152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-39776-1	WAN-WGWA-3	Total/NA	Water	3010A	
705-39776-2	WAN-WGWA-18	Total/NA	Water	3010A	
705-39776-3	WAN-WGWA-4	Total/NA	Water	3010A	
705-39776-4	WAN-WGWA-6	Total/NA	Water	3010A	
705-39776-5	WAN-WGWA-1	Total/NA	Water	3010A	
705-39776-6	WAN-WGWA-2	Total/NA	Water	3010A	

Metals (Continued)

Prep Batch: 76152 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 705-76152/1-A	Method Blank	Total/NA	Water	3010A	
LCS 705-76152/2-A	Lab Control Sample	Total/NA	Water	3010A	
680-266200-D-1-B MS	Matrix Spike	Total/NA	Water	3010A	
680-266200-D-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	

Prep Batch: 76261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-39776-2	WAN-WGWA-18	Total/NA	Water	7470A	
705-39776-3	WAN-WGWA-4	Total/NA	Water	7470A	
705-39776-5	WAN-WGWA-1	Total/NA	Water	7470A	
705-39776-6	WAN-WGWA-2	Total/NA	Water	7470A	
MB 705-76261/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-76261/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 76281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40192-1	WAN-WGWA-7	Total Recoverable	Water	3005A	
705-40192-2	WAN-WGWC-25	Total Recoverable	Water	3005A	
705-40192-3	WAN-WGWC-17	Total Recoverable	Water	3005A	
705-40192-4	WAN-WGWC-15	Total Recoverable	Water	3005A	
705-40192-5	WAN-PZ-31	Total Recoverable	Water	3005A	
705-40192-6	WAN-PZ-26D	Total Recoverable	Water	3005A	
705-40192-7	WAN-AP1-EB-01	Total Recoverable	Water	3005A	
705-40192-8	WAN-WGWC-8	Total Recoverable	Water	3005A	
705-40192-9	WAN-WGWC-13	Total Recoverable	Water	3005A	
705-40192-10	WAN-WGWC-14A	Total Recoverable	Water	3005A	
705-40192-11	WAN-WGWC-16	Total Recoverable	Water	3005A	
705-40192-12	WAN-WGWC-19	Total Recoverable	Water	3005A	
705-40192-13	WAN-WGWC-20	Total Recoverable	Water	3005A	
705-40192-14	WAN-WGWC-28D	Total Recoverable	Water	3005A	
705-40192-15	WAN-WAMW-1	Total Recoverable	Water	3005A	
MB 705-76281/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-76281/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
705-40192-1 MS	WAN-WGWA-7	Total Recoverable	Water	3005A	
705-40192-1 MSD	WAN-WGWA-7	Total Recoverable	Water	3005A	

Analysis Batch: 76347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-39776-1	WAN-WGWA-3	Total/NA	Water	6010D	76152
705-39776-2	WAN-WGWA-18	Total/NA	Water	6010D	76152
705-39776-3	WAN-WGWA-4	Total/NA	Water	6010D	76152
705-39776-4	WAN-WGWA-6	Total/NA	Water	6010D	76152
705-39776-5	WAN-WGWA-1	Total/NA	Water	6010D	76152
705-39776-6	WAN-WGWA-2	Total/NA	Water	6010D	76152
MB 705-76152/1-A	Method Blank	Total/NA	Water	6010D	76152
LCS 705-76152/2-A	Lab Control Sample	Total/NA	Water	6010D	76152
680-266200-D-1-B MS	Matrix Spike	Total/NA	Water	6010D	76152
680-266200-D-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010D	76152

Metals

Prep Batch: 76395

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-39776-1	WAN-WGWA-3	Total Recoverable	Water	3005A	
705-39776-2	WAN-WGWA-18	Total Recoverable	Water	3005A	
705-39776-3	WAN-WGWA-4	Total Recoverable	Water	3005A	
705-39776-4	WAN-WGWA-6	Total Recoverable	Water	3005A	
705-39776-5	WAN-WGWA-1	Total Recoverable	Water	3005A	
705-39776-6	WAN-WGWA-2	Total Recoverable	Water	3005A	
705-40192-16	WAN-AP1-FD-01	Total Recoverable	Water	3005A	
705-40192-17	WAN-AP1-FD-02	Total Recoverable	Water	3005A	
705-40192-18	WAN-AP1-FB-07	Total Recoverable	Water	3005A	
705-40192-19	WAN-AP1-EB-02	Total Recoverable	Water	3005A	
705-40192-20	WAN-WGWC-12	Total Recoverable	Water	3005A	
MB 705-76395/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-76395/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
705-40192-16 MS	WAN-AP1-FD-01	Total Recoverable	Water	3005A	
705-40192-16 MSD	WAN-AP1-FD-01	Total Recoverable	Water	3005A	

Analysis Batch: 76568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-39776-1	WAN-WGWA-3	Total/NA	Water	6010D	76152
705-39776-2	WAN-WGWA-18	Total/NA	Water	6010D	76152
705-39776-3	WAN-WGWA-4	Total/NA	Water	6010D	76152
705-39776-4	WAN-WGWA-6	Total/NA	Water	6010D	76152
705-39776-5	WAN-WGWA-1	Total/NA	Water	6010D	76152
705-39776-6	WAN-WGWA-2	Total/NA	Water	6010D	76152
MB 705-76152/1-A	Method Blank	Total/NA	Water	6010D	76152
LCS 705-76152/2-A	Lab Control Sample	Total/NA	Water	6010D	76152
680-266200-D-1-B MS	Matrix Spike	Total/NA	Water	6010D	76152
680-266200-D-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010D	76152

Analysis Batch: 76659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-39776-2	WAN-WGWA-18	Total/NA	Water	7470A	76261
705-39776-3	WAN-WGWA-4	Total/NA	Water	7470A	76261
705-39776-5	WAN-WGWA-1	Total/NA	Water	7470A	76261
705-39776-6	WAN-WGWA-2	Total/NA	Water	7470A	76261
MB 705-76261/1-A	Method Blank	Total/NA	Water	7470A	76261
LCS 705-76261/2-A	Lab Control Sample	Total/NA	Water	7470A	76261

Analysis Batch: 76778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-39776-1	WAN-WGWA-3	Total Recoverable	Water	6020B	76395
705-39776-2	WAN-WGWA-18	Total Recoverable	Water	6020B	76395
705-39776-3	WAN-WGWA-4	Total Recoverable	Water	6020B	76395
705-39776-4	WAN-WGWA-6	Total Recoverable	Water	6020B	76395
705-39776-5	WAN-WGWA-1	Total Recoverable	Water	6020B	76395
705-39776-6	WAN-WGWA-2	Total Recoverable	Water	6020B	76395
705-40192-16	WAN-AP1-FD-01	Total Recoverable	Water	6020B	76395
705-40192-17	WAN-AP1-FD-02	Total Recoverable	Water	6020B	76395
705-40192-18	WAN-AP1-FB-07	Total Recoverable	Water	6020B	76395
705-40192-19	WAN-AP1-EB-02	Total Recoverable	Water	6020B	76395
705-40192-20	WAN-WGWC-12	Total Recoverable	Water	6020B	76395

Metals (Continued)

Analysis Batch: 76778 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 705-76395/1-A	Method Blank	Total Recoverable	Water	6020B	76395
LCS 705-76395/2-A	Lab Control Sample	Total Recoverable	Water	6020B	76395
705-40192-16 MS	WAN-AP1-FD-01	Total Recoverable	Water	6020B	76395
705-40192-16 MSD	WAN-AP1-FD-01	Total Recoverable	Water	6020B	76395

Prep Batch: 76821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-39776-1	WAN-WGWA-3	Total/NA	Water	7470A	
705-39776-4	WAN-WGWA-6	Total/NA	Water	7470A	
MB 705-76821/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-76821/2-A	Lab Control Sample	Total/NA	Water	7470A	
705-39467-E-8-E MS	Matrix Spike	Total/NA	Water	7470A	
705-39467-E-8-F MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 76887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-39776-1	WAN-WGWA-3	Total/NA	Water	7470A	76821
705-39776-4	WAN-WGWA-6	Total/NA	Water	7470A	76821
MB 705-76821/1-A	Method Blank	Total/NA	Water	7470A	76821
LCS 705-76821/2-A	Lab Control Sample	Total/NA	Water	7470A	76821
705-39467-E-8-E MS	Matrix Spike	Total/NA	Water	7470A	76821
705-39467-E-8-F MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	76821

Prep Batch: 77072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40516-1	WAN-WGWC-11	Total Recoverable	Water	3005A	
705-40516-2	WAN-WGWC-27	Total Recoverable	Water	3005A	
705-40516-3	WAN-AP1-FB-08	Total Recoverable	Water	3005A	
705-40516-4	WAN-WGWC-24	Total Recoverable	Water	3005A	
705-40516-5	WAN-WGWC-22	Total Recoverable	Water	3005A	
705-40516-6	WAN-AP1-FD-03	Total Recoverable	Water	3005A	
705-40516-7	WAN-AP1-EB-03	Total Recoverable	Water	3005A	
705-40516-8	WAN-WGWC-21	Total Recoverable	Water	3005A	
705-40516-9	WAN-AP1-FB-09	Total Recoverable	Water	3005A	
705-40516-10	WAN-WGWC-10	Total Recoverable	Water	3005A	
705-40516-11	WAN-WGWC-23	Total Recoverable	Water	3005A	
705-40516-13	WAN-AP1-FB-14	Total Recoverable	Water	3005A	
705-40516-14	WAN-WAMW-2	Total Recoverable	Water	3005A	
705-40516-15	WAN-AP1-FD-08	Total Recoverable	Water	3005A	
705-40516-16	WAN-WGWC-9	Total Recoverable	Water	3005A	
MB 705-77072/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-77072/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
705-40516-1 MS	WAN-WGWC-11	Total Recoverable	Water	3005A	
705-40516-1 MSD	WAN-WGWC-11	Total Recoverable	Water	3005A	

Prep Batch: 77076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40516-1	WAN-WGWC-11	Total/NA	Water	3010A	
705-40516-2	WAN-WGWC-27	Total/NA	Water	3010A	
705-40516-3	WAN-AP1-FB-08	Total/NA	Water	3010A	
705-40516-4	WAN-WGWC-24	Total/NA	Water	3010A	

Metals (Continued)

Prep Batch: 77076 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40516-5	WAN-WGWC-22	Total/NA	Water	3010A	
705-40516-6	WAN-AP1-FD-03	Total/NA	Water	3010A	
705-40516-7	WAN-AP1-EB-03	Total/NA	Water	3010A	
705-40516-8	WAN-WGWC-21	Total/NA	Water	3010A	
705-40516-9	WAN-AP1-FB-09	Total/NA	Water	3010A	
705-40516-10	WAN-WGWC-10	Total/NA	Water	3010A	
705-40516-11	WAN-WGWC-23	Total/NA	Water	3010A	
705-40516-12	WAN-PZ-32D	Total/NA	Water	3010A	
705-40516-13	WAN-AP1-FB-14	Total/NA	Water	3010A	
705-40516-14	WAN-WAMW-2	Total/NA	Water	3010A	
705-40516-15	WAN-AP1-FD-08	Total/NA	Water	3010A	
705-40516-16	WAN-WGWC-9	Total/NA	Water	3010A	
705-40516-17	WAN-PZ-33D	Total/NA	Water	3010A	
MB 705-77076/1-A	Method Blank	Total/NA	Water	3010A	
LCS 705-77076/2-A	Lab Control Sample	Total/NA	Water	3010A	
705-40516-2 MS	WAN-WGWC-27	Total/NA	Water	3010A	
705-40516-2 MSD	WAN-WGWC-27	Total/NA	Water	3010A	

Analysis Batch: 77123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40192-1	WAN-WGWA-7	Total Recoverable	Water	6020B	76281
705-40192-2	WAN-WGWC-25	Total Recoverable	Water	6020B	76281
705-40192-3	WAN-WGWC-17	Total Recoverable	Water	6020B	76281
705-40192-4	WAN-WGWC-15	Total Recoverable	Water	6020B	76281
705-40192-5	WAN-PZ-31	Total Recoverable	Water	6020B	76281
705-40192-6	WAN-PZ-26D	Total Recoverable	Water	6020B	76281
705-40192-7	WAN-AP1-EB-01	Total Recoverable	Water	6020B	76281
705-40192-8	WAN-WGWC-8	Total Recoverable	Water	6020B	76281
705-40192-9	WAN-WGWC-13	Total Recoverable	Water	6020B	76281
705-40192-10	WAN-WGWC-14A	Total Recoverable	Water	6020B	76281
705-40192-11	WAN-WGWC-16	Total Recoverable	Water	6020B	76281
705-40192-12	WAN-WGWC-19	Total Recoverable	Water	6020B	76281
705-40192-13	WAN-WGWC-20	Total Recoverable	Water	6020B	76281
705-40192-14	WAN-WGWC-28D	Total Recoverable	Water	6020B	76281
705-40192-15	WAN-WAMW-1	Total Recoverable	Water	6020B	76281
MB 705-76281/1-A	Method Blank	Total Recoverable	Water	6020B	76281
LCS 705-76281/2-A	Lab Control Sample	Total Recoverable	Water	6020B	76281
705-40192-1 MS	WAN-WGWA-7	Total Recoverable	Water	6020B	76281
705-40192-1 MSD	WAN-WGWA-7	Total Recoverable	Water	6020B	76281

Prep Batch: 77376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40192-1	WAN-WGWA-7	Total/NA	Water	3010A	
705-40192-2	WAN-WGWC-25	Total/NA	Water	3010A	
705-40192-3	WAN-WGWC-17	Total/NA	Water	3010A	
705-40192-4	WAN-WGWC-15	Total/NA	Water	3010A	
705-40192-5	WAN-PZ-31	Total/NA	Water	3010A	
705-40192-6	WAN-PZ-26D	Total/NA	Water	3010A	
705-40192-7	WAN-AP1-EB-01	Total/NA	Water	3010A	
705-40192-8	WAN-WGWC-8	Total/NA	Water	3010A	
705-40192-9	WAN-WGWC-13	Total/NA	Water	3010A	

Metals (Continued)

Prep Batch: 77376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40192-10	WAN-WGWC-14A	Total/NA	Water	3010A	
705-40192-11	WAN-WGWC-16	Total/NA	Water	3010A	
705-40192-12	WAN-WGWC-19	Total/NA	Water	3010A	
705-40192-13	WAN-WGWC-20	Total/NA	Water	3010A	
705-40192-14	WAN-WGWC-28D	Total/NA	Water	3010A	
705-40192-15	WAN-WAMW-1	Total/NA	Water	3010A	
705-40192-16	WAN-AP1-FD-01	Total/NA	Water	3010A	
705-40192-17	WAN-AP1-FD-02	Total/NA	Water	3010A	
705-40192-18	WAN-AP1-FB-07	Total/NA	Water	3010A	
705-40192-19	WAN-AP1-EB-02	Total/NA	Water	3010A	
705-40192-20	WAN-WGWC-12	Total/NA	Water	3010A	
MB 705-77376/1-A	Method Blank	Total/NA	Water	3010A	
LCS 705-77376/2-A	Lab Control Sample	Total/NA	Water	3010A	
705-40192-7 MS	WAN-AP1-EB-01	Total/NA	Water	3010A	
705-40192-7 MSD	WAN-AP1-EB-01	Total/NA	Water	3010A	

Analysis Batch: 77679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40516-1	WAN-WGWC-11	Total/NA	Water	6010D	77076
705-40516-2	WAN-WGWC-27	Total/NA	Water	6010D	77076
705-40516-3	WAN-AP1-FB-08	Total/NA	Water	6010D	77076
705-40516-4	WAN-WGWC-24	Total/NA	Water	6010D	77076
705-40516-5	WAN-WGWC-22	Total/NA	Water	6010D	77076
705-40516-6	WAN-AP1-FD-03	Total/NA	Water	6010D	77076
705-40516-7	WAN-AP1-EB-03	Total/NA	Water	6010D	77076
705-40516-8	WAN-WGWC-21	Total/NA	Water	6010D	77076
705-40516-9	WAN-AP1-FB-09	Total/NA	Water	6010D	77076
705-40516-10	WAN-WGWC-10	Total/NA	Water	6010D	77076
705-40516-11	WAN-WGWC-23	Total/NA	Water	6010D	77076
705-40516-12	WAN-PZ-32D	Total/NA	Water	6010D	77076
705-40516-13	WAN-AP1-FB-14	Total/NA	Water	6010D	77076
705-40516-14	WAN-WAMW-2	Total/NA	Water	6010D	77076
705-40516-15	WAN-AP1-FD-08	Total/NA	Water	6010D	77076
705-40516-16	WAN-WGWC-9	Total/NA	Water	6010D	77076
705-40516-17	WAN-PZ-33D	Total/NA	Water	6010D	77076
MB 705-77076/1-A	Method Blank	Total/NA	Water	6010D	77076
LCS 705-77076/2-A	Lab Control Sample	Total/NA	Water	6010D	77076
705-40516-2 MS	WAN-WGWC-27	Total/NA	Water	6010D	77076
705-40516-2 MSD	WAN-WGWC-27	Total/NA	Water	6010D	77076

Analysis Batch: 77680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40192-1	WAN-WGWA-7	Total/NA	Water	6010D	77376
705-40192-2	WAN-WGWC-25	Total/NA	Water	6010D	77376
705-40192-3	WAN-WGWC-17	Total/NA	Water	6010D	77376
705-40192-4	WAN-WGWC-15	Total/NA	Water	6010D	77376
705-40192-5	WAN-PZ-31	Total/NA	Water	6010D	77376
705-40192-6	WAN-PZ-26D	Total/NA	Water	6010D	77376
705-40192-7	WAN-AP1-EB-01	Total/NA	Water	6010D	77376
705-40192-8	WAN-WGWC-8	Total/NA	Water	6010D	77376
705-40192-9	WAN-WGWC-13	Total/NA	Water	6010D	77376

Metals (Continued)

Analysis Batch: 77680 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40192-10	WAN-WGWC-14A	Total/NA	Water	6010D	77376
705-40192-11	WAN-WGWC-16	Total/NA	Water	6010D	77376
705-40192-12	WAN-WGWC-19	Total/NA	Water	6010D	77376
705-40192-13	WAN-WGWC-20	Total/NA	Water	6010D	77376
705-40192-14	WAN-WGWC-28D	Total/NA	Water	6010D	77376
705-40192-15	WAN-WAMW-1	Total/NA	Water	6010D	77376
705-40192-16	WAN-AP1-FD-01	Total/NA	Water	6010D	77376
705-40192-17	WAN-AP1-FD-02	Total/NA	Water	6010D	77376
705-40192-18	WAN-AP1-FB-07	Total/NA	Water	6010D	77376
705-40192-19	WAN-AP1-EB-02	Total/NA	Water	6010D	77376
705-40192-20	WAN-WGWC-12	Total/NA	Water	6010D	77376
MB 705-77376/1-A	Method Blank	Total/NA	Water	6010D	77376
LCS 705-77376/2-A	Lab Control Sample	Total/NA	Water	6010D	77376
705-40192-7 MS	WAN-AP1-EB-01	Total/NA	Water	6010D	77376
705-40192-7 MSD	WAN-AP1-EB-01	Total/NA	Water	6010D	77376

Analysis Batch: 77761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40192-14	WAN-WGWC-28D	Total/NA	Water	6010D	77376
705-40516-12	WAN-PZ-32D	Total/NA	Water	6010D	77076
705-40516-17	WAN-PZ-33D	Total/NA	Water	6010D	77076

Analysis Batch: 78024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40516-1	WAN-WGWC-11	Total Recoverable	Water	6020B	77072
705-40516-2	WAN-WGWC-27	Total Recoverable	Water	6020B	77072
705-40516-3	WAN-AP1-FB-08	Total Recoverable	Water	6020B	77072
705-40516-4	WAN-WGWC-24	Total Recoverable	Water	6020B	77072
705-40516-5	WAN-WGWC-22	Total Recoverable	Water	6020B	77072
705-40516-6	WAN-AP1-FD-03	Total Recoverable	Water	6020B	77072
705-40516-7	WAN-AP1-EB-03	Total Recoverable	Water	6020B	77072
705-40516-8	WAN-WGWC-21	Total Recoverable	Water	6020B	77072
705-40516-9	WAN-AP1-FB-09	Total Recoverable	Water	6020B	77072
705-40516-10	WAN-WGWC-10	Total Recoverable	Water	6020B	77072
705-40516-11	WAN-WGWC-23	Total Recoverable	Water	6020B	77072
705-40516-13	WAN-AP1-FB-14	Total Recoverable	Water	6020B	77072
705-40516-14	WAN-WAMW-2	Total Recoverable	Water	6020B	77072
705-40516-15	WAN-AP1-FD-08	Total Recoverable	Water	6020B	77072
705-40516-16	WAN-WGWC-9	Total Recoverable	Water	6020B	77072
MB 705-77072/1-A	Method Blank	Total Recoverable	Water	6020B	77072
LCS 705-77072/2-A	Lab Control Sample	Total Recoverable	Water	6020B	77072
705-40516-1 MS	WAN-WGWC-11	Total Recoverable	Water	6020B	77072
705-40516-1 MSD	WAN-WGWC-11	Total Recoverable	Water	6020B	77072

Analysis Batch: 78350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40516-8	WAN-WGWC-21	Total Recoverable	Water	6020B	77072

Analysis Batch: 78606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40516-9	WAN-AP1-FB-09	Total Recoverable	Water	6020B	77072

Metals (Continued)

Analysis Batch: 78606 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40516-10	WAN-WGWC-10	Total Recoverable	Water	6020B	77072
705-40516-11	WAN-WGWC-23	Total Recoverable	Water	6020B	77072
705-40516-13	WAN-AP1-FB-14	Total Recoverable	Water	6020B	77072
705-40516-14	WAN-WAMW-2	Total Recoverable	Water	6020B	77072
705-40516-15	WAN-AP1-FD-08	Total Recoverable	Water	6020B	77072
705-40516-16	WAN-WGWC-9	Total Recoverable	Water	6020B	77072

Analysis Batch: 78705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40516-1	WAN-WGWC-11	Total/NA	Water	6010D	77076
705-40516-2	WAN-WGWC-27	Total/NA	Water	6010D	77076
705-40516-3	WAN-AP1-FB-08	Total/NA	Water	6010D	77076
705-40516-4	WAN-WGWC-24	Total/NA	Water	6010D	77076
705-40516-5	WAN-WGWC-22	Total/NA	Water	6010D	77076
705-40516-6	WAN-AP1-FD-03	Total/NA	Water	6010D	77076
705-40516-7	WAN-AP1-EB-03	Total/NA	Water	6010D	77076
705-40516-8	WAN-WGWC-21	Total/NA	Water	6010D	77076
705-40516-9	WAN-AP1-FB-09	Total/NA	Water	6010D	77076
705-40516-10	WAN-WGWC-10	Total/NA	Water	6010D	77076
705-40516-11	WAN-WGWC-23	Total/NA	Water	6010D	77076
705-40516-12	WAN-PZ-32D	Total/NA	Water	6010D	77076
705-40516-13	WAN-AP1-FB-14	Total/NA	Water	6010D	77076
705-40516-14	WAN-WAMW-2	Total/NA	Water	6010D	77076
705-40516-15	WAN-AP1-FD-08	Total/NA	Water	6010D	77076
705-40516-16	WAN-WGWC-9	Total/NA	Water	6010D	77076
705-40516-17	WAN-PZ-33D	Total/NA	Water	6010D	77076
MB 705-77076/1-A	Method Blank	Total/NA	Water	6010D	77076
LCS 705-77076/2-A	Lab Control Sample	Total/NA	Water	6010D	77076
705-40516-2 MS	WAN-WGWC-27	Total/NA	Water	6010D	77076
705-40516-2 MSD	WAN-WGWC-27	Total/NA	Water	6010D	77076

Analysis Batch: 78706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40192-1	WAN-WGWA-7	Total/NA	Water	6010D	77376
705-40192-2	WAN-WGWC-25	Total/NA	Water	6010D	77376
705-40192-3	WAN-WGWC-17	Total/NA	Water	6010D	77376
705-40192-4	WAN-WGWC-15	Total/NA	Water	6010D	77376
705-40192-5	WAN-PZ-31	Total/NA	Water	6010D	77376
705-40192-6	WAN-PZ-26D	Total/NA	Water	6010D	77376
705-40192-7	WAN-AP1-EB-01	Total/NA	Water	6010D	77376
705-40192-8	WAN-WGWC-8	Total/NA	Water	6010D	77376
705-40192-9	WAN-WGWC-13	Total/NA	Water	6010D	77376
705-40192-10	WAN-WGWC-14A	Total/NA	Water	6010D	77376
705-40192-11	WAN-WGWC-16	Total/NA	Water	6010D	77376
705-40192-12	WAN-WGWC-19	Total/NA	Water	6010D	77376
705-40192-13	WAN-WGWC-20	Total/NA	Water	6010D	77376
705-40192-14	WAN-WGWC-28D	Total/NA	Water	6010D	77376
705-40192-15	WAN-WAMW-1	Total/NA	Water	6010D	77376
705-40192-16	WAN-AP1-FD-01	Total/NA	Water	6010D	77376
705-40192-17	WAN-AP1-FD-02	Total/NA	Water	6010D	77376
705-40192-18	WAN-AP1-FB-07	Total/NA	Water	6010D	77376

Metals (Continued)

Analysis Batch: 78706 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40192-19	WAN-AP1-EB-02	Total/NA	Water	6010D	77376
705-40192-20	WAN-WGWC-12	Total/NA	Water	6010D	77376
MB 705-77376/1-A	Method Blank	Total/NA	Water	6010D	77376
LCS 705-77376/2-A	Lab Control Sample	Total/NA	Water	6010D	77376
705-40192-7 MS	WAN-AP1-EB-01	Total/NA	Water	6010D	77376
705-40192-7 MSD	WAN-AP1-EB-01	Total/NA	Water	6010D	77376

Analysis Batch: 78927

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40516-1	WAN-WGWC-11	Total Recoverable	Water	6020B	77072
705-40516-3	WAN-AP1-FB-08	Total Recoverable	Water	6020B	77072
705-40516-4	WAN-WGWC-24	Total Recoverable	Water	6020B	77072
705-40516-6	WAN-AP1-FD-03	Total Recoverable	Water	6020B	77072
705-40516-7	WAN-AP1-EB-03	Total Recoverable	Water	6020B	77072
MB 705-77072/1-A	Method Blank	Total Recoverable	Water	6020B	77072
LCS 705-77072/2-A	Lab Control Sample	Total Recoverable	Water	6020B	77072
705-40516-1 MS	WAN-WGWC-11	Total Recoverable	Water	6020B	77072
705-40516-1 MSD	WAN-WGWC-11	Total Recoverable	Water	6020B	77072

Prep Batch: 79173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40192-1	WAN-WGWA-7	Total/NA	Water	7470A	
705-40192-2	WAN-WGWC-25	Total/NA	Water	7470A	
705-40192-3	WAN-WGWC-17	Total/NA	Water	7470A	
705-40192-4	WAN-WGWC-15	Total/NA	Water	7470A	
705-40192-5	WAN-PZ-31	Total/NA	Water	7470A	
705-40192-6	WAN-PZ-26D	Total/NA	Water	7470A	
705-40192-7	WAN-AP1-EB-01	Total/NA	Water	7470A	
705-40192-8	WAN-WGWC-8	Total/NA	Water	7470A	
705-40192-11	WAN-WGWC-16	Total/NA	Water	7470A	
705-40192-20	WAN-WGWC-12	Total/NA	Water	7470A	
MB 705-79173/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-79173/2-A	Lab Control Sample	Total/NA	Water	7470A	
705-40139-C-21-I MS	Matrix Spike	Total/NA	Water	7470A	
705-40139-C-21-J MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 79259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40516-2	WAN-WGWC-27	Total Recoverable	Water	6020B	77072
705-40516-5	WAN-WGWC-22	Total Recoverable	Water	6020B	77072
705-40516-8	WAN-WGWC-21	Total Recoverable	Water	6020B	77072

Analysis Batch: 79331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40192-1	WAN-WGWA-7	Total/NA	Water	7470A	79173
705-40192-2	WAN-WGWC-25	Total/NA	Water	7470A	79173
705-40192-3	WAN-WGWC-17	Total/NA	Water	7470A	79173
705-40192-4	WAN-WGWC-15	Total/NA	Water	7470A	79173
705-40192-5	WAN-PZ-31	Total/NA	Water	7470A	79173
705-40192-6	WAN-PZ-26D	Total/NA	Water	7470A	79173
705-40192-7	WAN-AP1-EB-01	Total/NA	Water	7470A	79173

Metals (Continued)

Analysis Batch: 79331 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40192-8	WAN-WGWC-8	Total/NA	Water	7470A	79173
705-40192-11	WAN-WGWC-16	Total/NA	Water	7470A	79173
705-40192-20	WAN-WGWC-12	Total/NA	Water	7470A	79173
MB 705-79173/1-A	Method Blank	Total/NA	Water	7470A	79173
LCS 705-79173/2-A	Lab Control Sample	Total/NA	Water	7470A	79173
705-40139-C-21-I MS	Matrix Spike	Total/NA	Water	7470A	79173
705-40139-C-21-J MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	79173

Prep Batch: 79490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40192-9	WAN-WGWC-13	Total/NA	Water	7470A	
705-40192-10	WAN-WGWC-14A	Total/NA	Water	7470A	
705-40192-12	WAN-WGWC-19	Total/NA	Water	7470A	
705-40192-13	WAN-WGWC-20	Total/NA	Water	7470A	
705-40192-14	WAN-WGWC-28D	Total/NA	Water	7470A	
705-40192-15	WAN-WAMW-1	Total/NA	Water	7470A	
705-40192-16	WAN-AP1-FD-01	Total/NA	Water	7470A	
705-40192-17	WAN-AP1-FD-02	Total/NA	Water	7470A	
705-40192-18	WAN-AP1-FB-07	Total/NA	Water	7470A	
705-40192-19	WAN-AP1-EB-02	Total/NA	Water	7470A	
MB 705-79490/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-79490/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-266906-C-1-E MS	Matrix Spike	Total/NA	Water	7470A	
680-266906-C-1-F MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 79589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40192-9	WAN-WGWC-13	Total/NA	Water	7470A	79490
705-40192-10	WAN-WGWC-14A	Total/NA	Water	7470A	79490
705-40192-12	WAN-WGWC-19	Total/NA	Water	7470A	79490
705-40192-13	WAN-WGWC-20	Total/NA	Water	7470A	79490
705-40192-14	WAN-WGWC-28D	Total/NA	Water	7470A	79490
705-40192-15	WAN-WAMW-1	Total/NA	Water	7470A	79490
705-40192-16	WAN-AP1-FD-01	Total/NA	Water	7470A	79490
705-40192-17	WAN-AP1-FD-02	Total/NA	Water	7470A	79490
705-40192-18	WAN-AP1-FB-07	Total/NA	Water	7470A	79490
705-40192-19	WAN-AP1-EB-02	Total/NA	Water	7470A	79490
MB 705-79490/1-A	Method Blank	Total/NA	Water	7470A	79490
LCS 705-79490/2-A	Lab Control Sample	Total/NA	Water	7470A	79490
680-266906-C-1-E MS	Matrix Spike	Total/NA	Water	7470A	79490
680-266906-C-1-F MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	79490

Prep Batch: 79844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40516-1	WAN-WGWC-11	Total/NA	Water	7470A	
705-40516-2	WAN-WGWC-27	Total/NA	Water	7470A	
705-40516-3	WAN-AP1-FB-08	Total/NA	Water	7470A	
705-40516-4	WAN-WGWC-24	Total/NA	Water	7470A	
MB 705-79844/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-79844/2-A	Lab Control Sample	Total/NA	Water	7470A	
705-40908-D-1-E MS	Matrix Spike	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 79844 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40908-D-1-F MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 79859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40516-5	WAN-WGWC-22	Total/NA	Water	7470A	
705-40516-6	WAN-AP1-FD-03	Total/NA	Water	7470A	
705-40516-7	WAN-AP1-EB-03	Total/NA	Water	7470A	
705-40516-8	WAN-WGWC-21	Total/NA	Water	7470A	
705-40516-9	WAN-AP1-FB-09	Total/NA	Water	7470A	
705-40516-10	WAN-WGWC-10	Total/NA	Water	7470A	
705-40516-11	WAN-WGWC-23	Total/NA	Water	7470A	
705-40516-13	WAN-AP1-FB-14	Total/NA	Water	7470A	
705-40516-14	WAN-WAMW-2	Total/NA	Water	7470A	
705-40516-15	WAN-AP1-FD-08	Total/NA	Water	7470A	
705-40516-16	WAN-WGWC-9	Total/NA	Water	7470A	
MB 705-79859/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-79859/2-A	Lab Control Sample	Total/NA	Water	7470A	
705-40516-5 MS	WAN-WGWC-22	Total/NA	Water	7470A	
705-40516-5 MSD	WAN-WGWC-22	Total/NA	Water	7470A	

Analysis Batch: 80060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40516-5	WAN-WGWC-22	Total/NA	Water	7470A	79859
705-40516-6	WAN-AP1-FD-03	Total/NA	Water	7470A	79859
705-40516-7	WAN-AP1-EB-03	Total/NA	Water	7470A	79859
705-40516-8	WAN-WGWC-21	Total/NA	Water	7470A	79859
705-40516-9	WAN-AP1-FB-09	Total/NA	Water	7470A	79859
705-40516-10	WAN-WGWC-10	Total/NA	Water	7470A	79859
705-40516-11	WAN-WGWC-23	Total/NA	Water	7470A	79859
705-40516-13	WAN-AP1-FB-14	Total/NA	Water	7470A	79859
705-40516-14	WAN-WAMW-2	Total/NA	Water	7470A	79859
705-40516-15	WAN-AP1-FD-08	Total/NA	Water	7470A	79859
705-40516-16	WAN-WGWC-9	Total/NA	Water	7470A	79859
MB 705-79859/1-A	Method Blank	Total/NA	Water	7470A	79859
LCS 705-79859/2-A	Lab Control Sample	Total/NA	Water	7470A	79859
705-40516-5 MS	WAN-WGWC-22	Total/NA	Water	7470A	79859
705-40516-5 MSD	WAN-WGWC-22	Total/NA	Water	7470A	79859

Analysis Batch: 80795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40516-1	WAN-WGWC-11	Total/NA	Water	7470A	79844
705-40516-2	WAN-WGWC-27	Total/NA	Water	7470A	79844
705-40516-3	WAN-AP1-FB-08	Total/NA	Water	7470A	79844
705-40516-4	WAN-WGWC-24	Total/NA	Water	7470A	79844
MB 705-79844/1-A	Method Blank	Total/NA	Water	7470A	79844
LCS 705-79844/2-A	Lab Control Sample	Total/NA	Water	7470A	79844
705-40908-D-1-E MS	Matrix Spike	Total/NA	Water	7470A	79844
705-40908-D-1-F MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	79844

General Chemistry

Analysis Batch: 75166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-39776-1	WAN-WGWA-3	Total/NA	Water	2540C - 2015	
705-39776-2	WAN-WGWA-18	Total/NA	Water	2540C - 2015	
705-39776-3	WAN-WGWA-4	Total/NA	Water	2540C - 2015	
705-39776-4	WAN-WGWA-6	Total/NA	Water	2540C - 2015	
705-39776-5	WAN-WGWA-1	Total/NA	Water	2540C - 2015	
705-39776-6	WAN-WGWA-2	Total/NA	Water	2540C - 2015	
MB 705-75166/1	Method Blank	Total/NA	Water	2540C - 2015	
LCS 705-75166/2	Lab Control Sample	Total/NA	Water	2540C - 2015	
705-39724-C-1 DU	Duplicate	Total/NA	Water	2540C - 2015	

Analysis Batch: 75629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40192-1	WAN-WGWA-7	Total/NA	Water	2540C - 2015	
705-40192-2	WAN-WGWC-25	Total/NA	Water	2540C - 2015	
705-40192-3	WAN-WGWC-17	Total/NA	Water	2540C - 2015	
705-40192-4	WAN-WGWC-15	Total/NA	Water	2540C - 2015	
705-40192-5	WAN-PZ-31	Total/NA	Water	2540C - 2015	
705-40192-6	WAN-PZ-26D	Total/NA	Water	2540C - 2015	
705-40192-7	WAN-AP1-EB-01	Total/NA	Water	2540C - 2015	
705-40192-8	WAN-WGWC-8	Total/NA	Water	2540C - 2015	
705-40192-9	WAN-WGWC-13	Total/NA	Water	2540C - 2015	
705-40192-10	WAN-WGWC-14A	Total/NA	Water	2540C - 2015	
MB 705-75629/1	Method Blank	Total/NA	Water	2540C - 2015	
LCS 705-75629/2	Lab Control Sample	Total/NA	Water	2540C - 2015	
705-40192-8 DU	WAN-WGWC-8	Total/NA	Water	2540C - 2015	

Analysis Batch: 75636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40192-11	WAN-WGWC-16	Total/NA	Water	2540C - 2015	
705-40192-12	WAN-WGWC-19	Total/NA	Water	2540C - 2015	
705-40192-13	WAN-WGWC-20	Total/NA	Water	2540C - 2015	
705-40192-14	WAN-WGWC-28D	Total/NA	Water	2540C - 2015	
MB 705-75636/1	Method Blank	Total/NA	Water	2540C - 2015	
LCS 705-75636/2	Lab Control Sample	Total/NA	Water	2540C - 2015	
705-40192-14 DU	WAN-WGWC-28D	Total/NA	Water	2540C - 2015	

Analysis Batch: 75855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40192-15	WAN-WAMW-1	Total/NA	Water	2540C - 2015	
705-40192-16	WAN-AP1-FD-01	Total/NA	Water	2540C - 2015	
705-40192-17	WAN-AP1-FD-02	Total/NA	Water	2540C - 2015	
705-40192-18	WAN-AP1-FB-07	Total/NA	Water	2540C - 2015	
705-40192-19	WAN-AP1-EB-02	Total/NA	Water	2540C - 2015	
705-40192-20	WAN-WGWC-12	Total/NA	Water	2540C - 2015	
MB 705-75855/1	Method Blank	Total/NA	Water	2540C - 2015	
LCS 705-75855/2	Lab Control Sample	Total/NA	Water	2540C - 2015	
705-39957-D-1 DU	Duplicate	Total/NA	Water	2540C - 2015	

Analysis Batch: 76817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40516-1	WAN-WGWC-11	Total/NA	Water	2540C - 2015	

General Chemistry (Continued)

Analysis Batch: 76817 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40516-2	WAN-WGWC-27	Total/NA	Water	2540C - 2015	
705-40516-3	WAN-AP1-FB-08	Total/NA	Water	2540C - 2015	
705-40516-4	WAN-WGWC-24	Total/NA	Water	2540C - 2015	
705-40516-5	WAN-WGWC-22	Total/NA	Water	2540C - 2015	
705-40516-6	WAN-AP1-FD-03	Total/NA	Water	2540C - 2015	
705-40516-7	WAN-AP1-EB-03	Total/NA	Water	2540C - 2015	
MB 705-76817/1	Method Blank	Total/NA	Water	2540C - 2015	
LCS 705-76817/2	Lab Control Sample	Total/NA	Water	2540C - 2015	
705-40310-I-1 DU	Duplicate	Total/NA	Water	2540C - 2015	

Analysis Batch: 77584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40516-8	WAN-WGWC-21	Total/NA	Water	2540C - 2015	
705-40516-9	WAN-AP1-FB-09	Total/NA	Water	2540C - 2015	
705-40516-10	WAN-WGWC-10	Total/NA	Water	2540C - 2015	
705-40516-11	WAN-WGWC-23	Total/NA	Water	2540C - 2015	
705-40516-12	WAN-PZ-32D	Total/NA	Water	2540C - 2015	
705-40516-13	WAN-AP1-FB-14	Total/NA	Water	2540C - 2015	
705-40516-14	WAN-WAMW-2	Total/NA	Water	2540C - 2015	
705-40516-15	WAN-AP1-FD-08	Total/NA	Water	2540C - 2015	
705-40516-16	WAN-WGWC-9	Total/NA	Water	2540C - 2015	
705-40516-17	WAN-PZ-33D	Total/NA	Water	2540C - 2015	
MB 705-77584/1	Method Blank	Total/NA	Water	2540C - 2015	
LCS 705-77584/2	Lab Control Sample	Total/NA	Water	2540C - 2015	
705-40612-P-1 DU	Duplicate	Total/NA	Water	2540C - 2015	

Lab Chronicle

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

Job ID: 705-39776-1

Client Sample ID: WAN-WGWA-3

Lab Sample ID: 705-39776-1

Date Collected: 08/12/25 09:50

Matrix: Water

Date Received: 08/13/25 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	77474	MS	EET ATL	08/26/25 17:46
Total/NA	Prep	3010A			76152	BR	EET ATL	08/20/25 12:12
Total/NA	Analysis	6010D		1	76568	DAB	EET ATL	08/21/25 11:21
Total/NA	Prep	3010A			76152	BR	EET ATL	08/20/25 12:12
Total/NA	Analysis	6010D		1	76347	DS	EET ATL	08/20/25 21:58
Total Recoverable	Prep	3005A			76395	EF	EET ATL	08/21/25 10:30
Total Recoverable	Analysis	6020B		1	76778	IF	EET ATL	08/21/25 21:33
Total/NA	Prep	7470A			76821	GR	EET ATL	08/22/25 09:26
Total/NA	Analysis	7470A		1	76887	GR	EET ATL	08/22/25 14:43
Total/NA	Analysis	2540C - 2015		1	75166	NN	EET ATL	08/15/25 10:45

Client Sample ID: WAN-WGWA-18

Lab Sample ID: 705-39776-2

Date Collected: 08/12/25 10:32

Matrix: Water

Date Received: 08/13/25 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	77474	MS	EET ATL	08/26/25 11:29
Total/NA	Prep	3010A			76152	BR	EET ATL	08/20/25 12:12
Total/NA	Analysis	6010D		1	76568	DAB	EET ATL	08/21/25 11:24
Total/NA	Prep	3010A			76152	BR	EET ATL	08/20/25 12:12
Total/NA	Analysis	6010D		1	76347	DS	EET ATL	08/20/25 22:01
Total Recoverable	Prep	3005A			76395	EF	EET ATL	08/21/25 10:30
Total Recoverable	Analysis	6020B		1	76778	IF	EET ATL	08/21/25 21:35
Total/NA	Prep	7470A			76261	GR	EET ATL	08/20/25 16:07
Total/NA	Analysis	7470A		1	76659	GR	EET ATL	08/20/25 20:17
Total/NA	Analysis	2540C - 2015		1	75166	NN	EET ATL	08/15/25 10:45

Client Sample ID: WAN-WGWA-4

Lab Sample ID: 705-39776-3

Date Collected: 08/12/25 11:15

Matrix: Water

Date Received: 08/13/25 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		5	77474	MS	EET ATL	08/26/25 16:26
Total/NA	Prep	3010A			76152	BR	EET ATL	08/20/25 12:12
Total/NA	Analysis	6010D		1	76568	DAB	EET ATL	08/21/25 11:27
Total/NA	Prep	3010A			76152	BR	EET ATL	08/20/25 12:12
Total/NA	Analysis	6010D		1	76347	DS	EET ATL	08/20/25 22:10
Total Recoverable	Prep	3005A			76395	EF	EET ATL	08/21/25 10:30
Total Recoverable	Analysis	6020B		1	76778	IF	EET ATL	08/21/25 21:38
Total/NA	Prep	7470A			76261	GR	EET ATL	08/20/25 16:07
Total/NA	Analysis	7470A		1	76659	GR	EET ATL	08/20/25 20:32
Total/NA	Analysis	2540C - 2015		1	75166	NN	EET ATL	08/15/25 10:45

Lab Chronicle

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

Job ID: 705-39776-1

Client Sample ID: WAN-WGWA-6

Lab Sample ID: 705-39776-4

Date Collected: 08/12/25 13:35

Matrix: Water

Date Received: 08/13/25 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	77474	MS	EET ATL	08/26/25 16:38
Total/NA	Prep	3010A			76152	BR	EET ATL	08/20/25 12:12
Total/NA	Analysis	6010D		1	76568	DAB	EET ATL	08/21/25 11:35
Total/NA	Prep	3010A			76152	BR	EET ATL	08/20/25 12:12
Total/NA	Analysis	6010D		1	76347	DS	EET ATL	08/20/25 22:14
Total Recoverable	Prep	3005A			76395	EF	EET ATL	08/21/25 10:30
Total Recoverable	Analysis	6020B		1	76778	IF	EET ATL	08/21/25 21:41
Total/NA	Prep	7470A			76821	GR	EET ATL	08/22/25 09:26
Total/NA	Analysis	7470A		1	76887	GR	EET ATL	08/22/25 14:47
Total/NA	Analysis	2540C - 2015		1	75166	NN	EET ATL	08/15/25 10:45

Client Sample ID: WAN-WGWA-1

Lab Sample ID: 705-39776-5

Date Collected: 08/12/25 15:30

Matrix: Water

Date Received: 08/13/25 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	77474	MS	EET ATL	08/26/25 16:49
Total/NA	Prep	3010A			76152	BR	EET ATL	08/20/25 12:12
Total/NA	Analysis	6010D		1	76568	DAB	EET ATL	08/21/25 11:37
Total/NA	Prep	3010A			76152	BR	EET ATL	08/20/25 12:12
Total/NA	Analysis	6010D		1	76347	DS	EET ATL	08/20/25 22:17
Total Recoverable	Prep	3005A			76395	EF	EET ATL	08/21/25 10:30
Total Recoverable	Analysis	6020B		1	76778	IF	EET ATL	08/21/25 21:44
Total/NA	Prep	7470A			76261	GR	EET ATL	08/20/25 16:07
Total/NA	Analysis	7470A		1	76659	GR	EET ATL	08/20/25 20:40
Total/NA	Analysis	2540C - 2015		1	75166	NN	EET ATL	08/15/25 10:45

Client Sample ID: WAN-WGWA-2

Lab Sample ID: 705-39776-6

Date Collected: 08/12/25 12:50

Matrix: Water

Date Received: 08/13/25 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	77474	MS	EET ATL	08/26/25 17:00
Total/NA	Prep	3010A			76152	BR	EET ATL	08/20/25 12:12
Total/NA	Analysis	6010D		1	76568	DAB	EET ATL	08/21/25 11:40
Total/NA	Prep	3010A			76152	BR	EET ATL	08/20/25 12:12
Total/NA	Analysis	6010D		1	76347	DS	EET ATL	08/20/25 22:20
Total Recoverable	Prep	3005A			76395	EF	EET ATL	08/21/25 10:30
Total Recoverable	Analysis	6020B		1	76778	IF	EET ATL	08/21/25 21:46
Total/NA	Prep	7470A			76261	GR	EET ATL	08/20/25 16:07
Total/NA	Analysis	7470A		1	76659	GR	EET ATL	08/20/25 20:44
Total/NA	Analysis	2540C - 2015		1	75166	NN	EET ATL	08/15/25 10:45

Lab Chronicle

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

Job ID: 705-39776-1

Client Sample ID: WAN-WGWA-7

Lab Sample ID: 705-40192-1
Date Collected: 08/13/25 10:00
Matrix: Water
Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78103	MS	EET ATL	08/28/25 15:56
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	77680	DS	EET ATL	08/26/25 19:48
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	78706	DS	EET ATL	08/31/25 09:21
Total Recoverable	Prep	3005A			76281	KB	EET ATL	08/21/25 09:28
Total Recoverable	Analysis	6020B		1	77123	IF	EET ATL	08/23/25 02:10
Total/NA	Prep	7470A			79173	GR	EET ATL	09/03/25 13:05
Total/NA	Analysis	7470A		1	79331	GR	EET ATL	09/03/25 19:03
Total/NA	Analysis	2540C - 2015		1	75629	NN	EET ATL	08/18/25 14:15

Client Sample ID: WAN-WGWC-25

Lab Sample ID: 705-40192-2
Date Collected: 08/13/25 11:45
Matrix: Water
Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78103	MS	EET ATL	08/28/25 16:08
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	77680	DS	EET ATL	08/26/25 19:52
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	78706	DS	EET ATL	08/31/25 09:23
Total Recoverable	Prep	3005A			76281	KB	EET ATL	08/21/25 09:28
Total Recoverable	Analysis	6020B		1	77123	IF	EET ATL	08/23/25 02:26
Total/NA	Prep	7470A			79173	GR	EET ATL	09/03/25 13:05
Total/NA	Analysis	7470A		1	79331	GR	EET ATL	09/03/25 19:07
Total/NA	Analysis	2540C - 2015		1	75629	NN	EET ATL	08/18/25 14:15

Client Sample ID: WAN-WGWC-17

Lab Sample ID: 705-40192-3
Date Collected: 08/13/25 12:20
Matrix: Water
Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/29/25 20:04
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	77680	DS	EET ATL	08/26/25 19:55
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	78706	DS	EET ATL	08/31/25 09:25
Total Recoverable	Prep	3005A			76281	KB	EET ATL	08/21/25 09:28
Total Recoverable	Analysis	6020B		1	77123	IF	EET ATL	08/23/25 02:47
Total/NA	Prep	7470A			79173	GR	EET ATL	09/03/25 13:05
Total/NA	Analysis	7470A		1	79331	GR	EET ATL	09/03/25 19:11
Total/NA	Analysis	2540C - 2015		1	75629	NN	EET ATL	08/18/25 14:15

Lab Chronicle

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

Job ID: 705-39776-1

Client Sample ID: WAN-WGWC-15

Lab Sample ID: 705-40192-4

Date Collected: 08/13/25 14:05
Matrix: Water
Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/30/25 01:47
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	77680	DS	EET ATL	08/26/25 19:58
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	78706	DS	EET ATL	08/31/25 09:27
Total Recoverable	Prep	3005A			76281	KB	EET ATL	08/21/25 09:28
Total Recoverable	Analysis	6020B		1	77123	IF	EET ATL	08/23/25 02:50
Total/NA	Prep	7470A			79173	GR	EET ATL	09/03/25 13:05
Total/NA	Analysis	7470A		1	79331	GR	EET ATL	09/03/25 19:15
Total/NA	Analysis	2540C - 2015		1	75629	NN	EET ATL	08/18/25 14:15

Client Sample ID: WAN-PZ-31

Lab Sample ID: 705-40192-5

Date Collected: 08/13/25 14:10
Matrix: Water
Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/30/25 01:36
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	77680	DS	EET ATL	08/26/25 20:01
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	78706	DS	EET ATL	08/31/25 09:28
Total Recoverable	Prep	3005A			76281	KB	EET ATL	08/21/25 09:28
Total Recoverable	Analysis	6020B		1	77123	IF	EET ATL	08/23/25 02:53
Total/NA	Prep	7470A			79173	GR	EET ATL	09/03/25 13:05
Total/NA	Analysis	7470A		1	79331	GR	EET ATL	09/03/25 19:19
Total/NA	Analysis	2540C - 2015		1	75629	NN	EET ATL	08/18/25 14:15

Client Sample ID: WAN-PZ-26D

Lab Sample ID: 705-40192-6

Date Collected: 08/13/25 16:00
Matrix: Water
Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/30/25 03:30
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	77680	DS	EET ATL	08/26/25 20:04
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	78706	DS	EET ATL	08/31/25 09:30
Total Recoverable	Prep	3005A			76281	KB	EET ATL	08/21/25 09:28
Total Recoverable	Analysis	6020B		1	77123	IF	EET ATL	08/23/25 02:56
Total/NA	Prep	7470A			79173	GR	EET ATL	09/03/25 13:05
Total/NA	Analysis	7470A		1	79331	GR	EET ATL	09/03/25 19:22
Total/NA	Analysis	2540C - 2015		1	75629	NN	EET ATL	08/18/25 14:15

Lab Chronicle

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

Job ID: 705-39776-1

Client Sample ID: WAN-AP1-EB-01

Lab Sample ID: 705-40192-7

Date Collected: 08/13/25 16:30
Matrix: Water
Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/30/25 03:42
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	77680	DS	EET ATL	08/26/25 19:27
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	78706	DS	EET ATL	08/31/25 09:08
Total Recoverable	Prep	3005A			76281	KB	EET ATL	08/21/25 09:28
Total Recoverable	Analysis	6020B		1	77123	IF	EET ATL	08/23/25 02:58
Total/NA	Prep	7470A			79173	GR	EET ATL	09/03/25 13:05
Total/NA	Analysis	7470A		1	79331	GR	EET ATL	09/03/25 19:26
Total/NA	Analysis	2540C - 2015		1	75629	NN	EET ATL	08/18/25 14:15

Client Sample ID: WAN-WGWC-8

Lab Sample ID: 705-40192-8

Date Collected: 08/14/25 15:23
Matrix: Water
Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		5	78456	MS	EET ATL	08/30/25 03:53
Total/NA	Analysis	300.0		10	78456	MS	EET ATL	08/30/25 12:40
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	77680	DS	EET ATL	08/26/25 20:13
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	78706	DS	EET ATL	08/31/25 09:32
Total Recoverable	Prep	3005A			76281	KB	EET ATL	08/21/25 09:28
Total Recoverable	Analysis	6020B		1	77123	IF	EET ATL	08/23/25 03:01
Total/NA	Prep	7470A			79173	GR	EET ATL	09/03/25 13:05
Total/NA	Analysis	7470A		1	79331	GR	EET ATL	09/03/25 19:30
Total/NA	Analysis	2540C - 2015		1	75629	NN	EET ATL	08/18/25 14:15

Client Sample ID: WAN-WGWC-13

Lab Sample ID: 705-40192-9

Date Collected: 08/14/25 10:00
Matrix: Water
Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/30/25 04:05
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	77680	DS	EET ATL	08/26/25 20:16
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	78706	DS	EET ATL	08/31/25 09:34
Total Recoverable	Prep	3005A			76281	KB	EET ATL	08/21/25 09:28
Total Recoverable	Analysis	6020B		1	77123	IF	EET ATL	08/23/25 03:04
Total/NA	Prep	7470A			79490	GR	EET ATL	09/04/25 14:00
Total/NA	Analysis	7470A		1	79589	GR	EET ATL	09/04/25 19:00
Total/NA	Analysis	2540C - 2015		1	75629	NN	EET ATL	08/18/25 14:15

Lab Chronicle

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

Job ID: 705-39776-1

Client Sample ID: WAN-WGWC-14A
Date Collected: 08/14/25 14:20
Date Received: 08/15/25 16:02

Lab Sample ID: 705-40192-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/30/25 04:16
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	77680	DS	EET ATL	08/26/25 20:19
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	78706	DS	EET ATL	08/31/25 09:36
Total Recoverable	Prep	3005A			76281	KB	EET ATL	08/21/25 09:28
Total Recoverable	Analysis	6020B		1	77123	IF	EET ATL	08/23/25 03:06
Total/NA	Prep	7470A			79490	GR	EET ATL	09/04/25 14:00
Total/NA	Analysis	7470A		1	79589	GR	EET ATL	09/04/25 19:04
Total/NA	Analysis	2540C - 2015		1	75629	NN	EET ATL	08/18/25 14:15

Client Sample ID: WAN-WGWC-16
Date Collected: 08/14/25 09:38
Date Received: 08/15/25 16:02

Lab Sample ID: 705-40192-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/30/25 05:02
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	77680	DS	EET ATL	08/26/25 20:23
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	78706	DS	EET ATL	08/31/25 09:42
Total Recoverable	Prep	3005A			76281	KB	EET ATL	08/21/25 09:28
Total Recoverable	Analysis	6020B		1	77123	IF	EET ATL	08/23/25 03:09
Total/NA	Prep	7470A			79173	GR	EET ATL	09/03/25 13:05
Total/NA	Analysis	7470A		1	79331	GR	EET ATL	09/03/25 19:46
Total/NA	Analysis	2540C - 2015		1	75636	NN	EET ATL	08/18/25 15:30

Client Sample ID: WAN-WGWC-19
Date Collected: 08/14/25 16:44
Date Received: 08/15/25 16:02

Lab Sample ID: 705-40192-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/30/25 05:14
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	77680	DS	EET ATL	08/26/25 20:26
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	78706	DS	EET ATL	08/31/25 09:44
Total Recoverable	Prep	3005A			76281	KB	EET ATL	08/21/25 09:28
Total Recoverable	Analysis	6020B		1	77123	IF	EET ATL	08/23/25 03:30
Total/NA	Prep	7470A			79490	GR	EET ATL	09/04/25 14:00
Total/NA	Analysis	7470A		1	79589	GR	EET ATL	09/04/25 19:07
Total/NA	Analysis	2540C - 2015		1	75636	NN	EET ATL	08/18/25 15:30

Lab Chronicle

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

Job ID: 705-39776-1

Client Sample ID: WAN-WGWC-20

Lab Sample ID: 705-40192-13

Date Collected: 08/14/25 11:00
Date Received: 08/15/25 16:02

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		5	78456	MS	EET ATL	08/30/25 05:25
Total/NA	Analysis	300.0		10	78456	MS	EET ATL	08/30/25 12:51
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	77680	DS	EET ATL	08/26/25 20:29
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	78706	DS	EET ATL	08/31/25 09:46
Total Recoverable	Prep	3005A			76281	KB	EET ATL	08/21/25 09:28
Total Recoverable	Analysis	6020B		1	77123	IF	EET ATL	08/23/25 03:33
Total/NA	Prep	7470A			79490	GR	EET ATL	09/04/25 14:00
Total/NA	Analysis	7470A		1	79589	GR	EET ATL	09/04/25 19:11
Total/NA	Analysis	2540C - 2015		1	75636	NN	EET ATL	08/18/25 15:30

Client Sample ID: WAN-WGWC-28D

Lab Sample ID: 705-40192-14

Date Collected: 08/14/25 12:36
Date Received: 08/15/25 16:02

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/30/25 06:22
Total/NA	Analysis	300.0		20	78456	MS	EET ATL	08/30/25 13:02
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	77680	DS	EET ATL	08/26/25 20:32
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		10	77761	DS	EET ATL	08/27/25 09:37
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	78706	DS	EET ATL	08/31/25 09:47
Total Recoverable	Prep	3005A			76281	KB	EET ATL	08/21/25 09:28
Total Recoverable	Analysis	6020B		1	77123	IF	EET ATL	08/23/25 03:35
Total/NA	Prep	7470A			79490	GR	EET ATL	09/04/25 14:00
Total/NA	Analysis	7470A		1	79589	GR	EET ATL	09/04/25 19:15
Total/NA	Analysis	2540C - 2015		1	75636	NN	EET ATL	08/18/25 15:30

Client Sample ID: WAN-WAMW-1

Lab Sample ID: 705-40192-15

Date Collected: 08/14/25 16:25
Date Received: 08/15/25 16:02

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/30/25 06:33
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	77680	DS	EET ATL	08/26/25 20:35
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	78706	DS	EET ATL	08/31/25 09:49
Total Recoverable	Prep	3005A			76281	KB	EET ATL	08/21/25 09:28
Total Recoverable	Analysis	6020B		1	77123	IF	EET ATL	08/23/25 03:38

Lab Chronicle

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

Job ID: 705-39776-1

Client Sample ID: WAN-WAMW-1
Date Collected: 08/14/25 16:25
Date Received: 08/15/25 16:02

Lab Sample ID: 705-40192-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			79490	GR	EET ATL	09/04/25 14:00
Total/NA	Analysis	7470A		1	79589	GR	EET ATL	09/04/25 19:19
Total/NA	Analysis	2540C - 2015		1	75855	NN	EET ATL	08/19/25 15:30

Client Sample ID: WAN-AP1-FD-01
Date Collected: 08/14/25 00:00
Date Received: 08/15/25 16:02

Lab Sample ID: 705-40192-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/29/25 23:42
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	77680	DS	EET ATL	08/26/25 20:38
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	78706	DS	EET ATL	08/31/25 09:51
Total Recoverable	Prep	3005A			76395	EF	EET ATL	08/21/25 10:30
Total Recoverable	Analysis	6020B		1	76778	IF	EET ATL	08/21/25 20:03
Total/NA	Prep	7470A			79490	GR	EET ATL	09/04/25 14:00
Total/NA	Analysis	7470A		1	79589	GR	EET ATL	09/04/25 19:23
Total/NA	Analysis	2540C - 2015		1	75855	NN	EET ATL	08/19/25 15:30

Client Sample ID: WAN-AP1-FD-02
Date Collected: 08/14/25 00:00
Date Received: 08/15/25 16:02

Lab Sample ID: 705-40192-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/30/25 00:28
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	77680	DS	EET ATL	08/26/25 20:41
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	78706	DS	EET ATL	08/31/25 09:53
Total Recoverable	Prep	3005A			76395	EF	EET ATL	08/21/25 10:30
Total Recoverable	Analysis	6020B		1	76778	IF	EET ATL	08/21/25 20:14
Total/NA	Prep	7470A			79490	GR	EET ATL	09/04/25 14:00
Total/NA	Analysis	7470A		1	79589	GR	EET ATL	09/04/25 19:27
Total/NA	Analysis	2540C - 2015		1	75855	NN	EET ATL	08/19/25 15:30

Client Sample ID: WAN-AP1-FB-07
Date Collected: 08/14/25 10:40
Date Received: 08/15/25 16:02

Lab Sample ID: 705-40192-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/30/25 00:39
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	77680	DS	EET ATL	08/26/25 20:50

Lab Chronicle

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

Job ID: 705-39776-1

Client Sample ID: WAN-AP1-FB-07

Lab Sample ID: 705-40192-18

Date Collected: 08/14/25 10:40

Matrix: Water

Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	78706	DS	EET ATL	08/31/25 09:55
Total Recoverable	Prep	3005A			76395	EF	EET ATL	08/21/25 10:30
Total Recoverable	Analysis	6020B		1	76778	IF	EET ATL	08/21/25 20:17
Total/NA	Prep	7470A			79490	GR	EET ATL	09/04/25 14:00
Total/NA	Analysis	7470A		1	79589	GR	EET ATL	09/04/25 19:31
Total/NA	Analysis	2540C - 2015		1	75855	NN	EET ATL	08/19/25 15:30

Client Sample ID: WAN-AP1-EB-02

Lab Sample ID: 705-40192-19

Date Collected: 08/14/25 13:00

Matrix: Water

Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/30/25 00:50
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	77680	DS	EET ATL	08/26/25 20:54
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	78706	DS	EET ATL	08/31/25 09:57
Total Recoverable	Prep	3005A			76395	EF	EET ATL	08/21/25 10:30
Total Recoverable	Analysis	6020B		1	76778	IF	EET ATL	08/21/25 20:20
Total/NA	Prep	7470A			79490	GR	EET ATL	09/04/25 14:00
Total/NA	Analysis	7470A		1	79589	GR	EET ATL	09/04/25 19:35
Total/NA	Analysis	2540C - 2015		1	75855	NN	EET ATL	08/19/25 15:30

Client Sample ID: WAN-WGWC-12

Lab Sample ID: 705-40192-20

Date Collected: 08/15/25 12:09

Matrix: Water

Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/30/25 01:02
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	77680	DS	EET ATL	08/26/25 20:57
Total/NA	Prep	3010A			77376	SA	EET ATL	08/26/25 09:08
Total/NA	Analysis	6010D		1	78706	DS	EET ATL	08/31/25 09:59
Total Recoverable	Prep	3005A			76395	EF	EET ATL	08/21/25 10:30
Total Recoverable	Analysis	6020B		1	76778	IF	EET ATL	08/21/25 20:44
Total/NA	Prep	7470A			79173	GR	EET ATL	09/03/25 13:05
Total/NA	Analysis	7470A		1	79331	GR	EET ATL	09/03/25 19:50
Total/NA	Analysis	2540C - 2015		1	75855	NN	EET ATL	08/19/25 15:30

Lab Chronicle

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

Job ID: 705-39776-1

Client Sample ID: WAN-WGWC-11

Lab Sample ID: 705-40516-1

Date Collected: 08/18/25 12:09

Matrix: Water

Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/30/25 08:40
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	77679	DS	EET ATL	08/26/25 18:22
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	78705	DS	EET ATL	08/31/25 08:26
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	78024	MD	EET ATL	08/27/25 18:01
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	78927	MD	EET ATL	08/30/25 18:15
Total/NA	Prep	7470A			79844	GR	EET ATL	09/05/25 12:52
Total/NA	Analysis	7470A		1	80795	GR	EET ATL	09/05/25 20:15
Total/NA	Analysis	2540C - 2015		1	76817	NN	EET ATL	08/22/25 15:30

Client Sample ID: WAN-WGWC-27

Lab Sample ID: 705-40516-2

Date Collected: 08/18/25 15:17

Matrix: Water

Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/30/25 06:45
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	77679	DS	EET ATL	08/26/25 18:00
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	78705	DS	EET ATL	08/31/25 08:16
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	78024	MD	EET ATL	08/27/25 18:42
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	79259	MD	EET ATL	09/03/25 13:46
Total/NA	Prep	7470A			79844	GR	EET ATL	09/05/25 12:52
Total/NA	Analysis	7470A		1	80795	GR	EET ATL	09/05/25 20:19
Total/NA	Analysis	2540C - 2015		1	76817	NN	EET ATL	08/22/25 15:30

Client Sample ID: WAN-AP1-FB-08

Lab Sample ID: 705-40516-3

Date Collected: 08/18/25 12:40

Matrix: Water

Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/30/25 07:31
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	77679	DS	EET ATL	08/26/25 18:25
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	78705	DS	EET ATL	08/31/25 08:28
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	78024	MD	EET ATL	08/27/25 18:45

Lab Chronicle

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

Job ID: 705-39776-1

Client Sample ID: WAN-AP1-FB-08

Lab Sample ID: 705-40516-3
Matrix: Water
Date Collected: 08/18/25 12:40
Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	78927	MD	EET ATL	08/30/25 18:28
Total/NA	Prep	7470A			79844	GR	EET ATL	09/05/25 12:52
Total/NA	Analysis	7470A		1	80795	GR	EET ATL	09/05/25 20:23
Total/NA	Analysis	2540C - 2015		1	76817	NN	EET ATL	08/22/25 15:30

Client Sample ID: WAN-WGWC-24

Lab Sample ID: 705-40516-4
Matrix: Water
Date Collected: 08/18/25 16:02
Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/30/25 07:42
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	77679	DS	EET ATL	08/26/25 18:28
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	78705	DS	EET ATL	08/31/25 08:33
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	78024	MD	EET ATL	08/27/25 18:49
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	78927	MD	EET ATL	08/30/25 18:31
Total/NA	Prep	7470A			79844	GR	EET ATL	09/05/25 12:52
Total/NA	Analysis	7470A		1	80795	GR	EET ATL	09/05/25 20:27
Total/NA	Analysis	2540C - 2015		1	76817	NN	EET ATL	08/22/25 15:30

Client Sample ID: WAN-WGWC-22

Lab Sample ID: 705-40516-5
Matrix: Water
Date Collected: 08/18/25 16:49
Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/30/25 07:54
Total/NA	Analysis	300.0		5	78456	MS	EET ATL	08/30/25 13:14
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	77679	DS	EET ATL	08/26/25 18:31
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	78705	DS	EET ATL	08/31/25 08:35
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	78024	MD	EET ATL	08/27/25 18:52
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	79259	MD	EET ATL	09/03/25 13:49
Total/NA	Prep	7470A			79859	GR	EET ATL	09/05/25 15:04
Total/NA	Analysis	7470A		1	80060	GR	EET ATL	09/05/25 19:12
Total/NA	Analysis	2540C - 2015		1	76817	NN	EET ATL	08/22/25 15:30

Lab Chronicle

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

Job ID: 705-39776-1

Client Sample ID: WAN-AP1-FD-03

Lab Sample ID: 705-40516-6
Date Collected: 08/18/25 00:00
Matrix: Water
Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/30/25 08:05
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	77679	DS	EET ATL	08/26/25 18:34
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	78705	DS	EET ATL	08/31/25 08:37
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	78024	MD	EET ATL	08/27/25 18:55
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	78927	MD	EET ATL	08/30/25 18:38
Total/NA	Prep	7470A			79859	GR	EET ATL	09/05/25 15:04
Total/NA	Analysis	7470A		1	80060	GR	EET ATL	09/05/25 19:23
Total/NA	Analysis	2540C - 2015		1	76817	NN	EET ATL	08/22/25 15:30

Client Sample ID: WAN-AP1-EB-03

Lab Sample ID: 705-40516-7
Date Collected: 08/18/25 16:45
Matrix: Water
Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/30/25 09:14
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	77679	DS	EET ATL	08/26/25 18:37
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	78705	DS	EET ATL	08/31/25 08:39
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	78024	MD	EET ATL	08/27/25 18:59
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	78927	MD	EET ATL	08/30/25 19:02
Total/NA	Prep	7470A			79859	GR	EET ATL	09/05/25 15:04
Total/NA	Analysis	7470A		1	80060	GR	EET ATL	09/05/25 19:27
Total/NA	Analysis	2540C - 2015		1	76817	NN	EET ATL	08/22/25 15:30

Client Sample ID: WAN-WGWC-21

Lab Sample ID: 705-40516-8
Date Collected: 08/19/25 10:31
Matrix: Water
Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/30/25 10:11
Total/NA	Analysis	300.0		20	78456	MS	EET ATL	08/30/25 13:25
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	77679	DS	EET ATL	08/26/25 18:40
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	78705	DS	EET ATL	08/31/25 08:41
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	78024	MD	EET ATL	08/27/25 19:02

Lab Chronicle

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

Job ID: 705-39776-1

Client Sample ID: WAN-WGWC-21

Lab Sample ID: 705-40516-8

Date Collected: 08/19/25 10:31

Matrix: Water

Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	78350	MD	EET ATL	08/28/25 20:06
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	79259	MD	EET ATL	09/03/25 13:52
Total/NA	Prep	7470A			79859	GR	EET ATL	09/05/25 15:04
Total/NA	Analysis	7470A		1	80060	GR	EET ATL	09/05/25 19:31
Total/NA	Analysis	2540C - 2015		1	77584	NN	EET ATL	08/26/25 15:45

Client Sample ID: WAN-AP1-FB-09

Lab Sample ID: 705-40516-9

Date Collected: 08/19/25 11:00

Matrix: Water

Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/30/25 10:22
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	77679	DS	EET ATL	08/26/25 18:43
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	78705	DS	EET ATL	08/31/25 08:43
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	78024	MD	EET ATL	08/27/25 19:05
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	78606	MD	EET ATL	08/30/25 02:45
Total/NA	Prep	7470A			79859	GR	EET ATL	09/05/25 15:04
Total/NA	Analysis	7470A		1	80060	GR	EET ATL	09/05/25 19:35
Total/NA	Analysis	2540C - 2015		1	77584	NN	EET ATL	08/26/25 15:45

Client Sample ID: WAN-WGWC-10

Lab Sample ID: 705-40516-10

Date Collected: 08/19/25 14:02

Matrix: Water

Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/30/25 10:34
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	77679	DS	EET ATL	08/26/25 18:47
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	78705	DS	EET ATL	08/31/25 08:45
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	78024	MD	EET ATL	08/27/25 19:29
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	78606	MD	EET ATL	08/30/25 02:49
Total/NA	Prep	7470A			79859	GR	EET ATL	09/05/25 15:04
Total/NA	Analysis	7470A		1	80060	GR	EET ATL	09/05/25 19:39
Total/NA	Analysis	2540C - 2015		1	77584	NN	EET ATL	08/26/25 15:45

Lab Chronicle

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

Job ID: 705-39776-1

Client Sample ID: WAN-WGWC-23

Lab Sample ID: 705-40516-11

Date Collected: 08/19/25 15:49
Date Received: 08/20/25 09:40

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/30/25 10:45
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	77679	DS	EET ATL	08/26/25 18:50
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	78705	DS	EET ATL	08/31/25 08:47
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	78024	MD	EET ATL	08/27/25 19:32
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	78606	MD	EET ATL	08/30/25 02:52
Total/NA	Prep	7470A			79859	GR	EET ATL	09/05/25 15:04
Total/NA	Analysis	7470A		1	80060	GR	EET ATL	09/05/25 19:54
Total/NA	Analysis	2540C - 2015		1	77584	NN	EET ATL	08/26/25 15:45

Client Sample ID: WAN-PZ-32D

Lab Sample ID: 705-40516-12

Date Collected: 08/19/25 14:18
Date Received: 08/20/25 09:40

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	78456	MS	EET ATL	08/30/25 10:57
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	77679	DS	EET ATL	08/26/25 18:59
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		10	77761	DS	EET ATL	08/27/25 10:02
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	78705	DS	EET ATL	08/31/25 09:00
Total/NA	Analysis	2540C - 2015		1	77584	NN	EET ATL	08/26/25 15:45

Client Sample ID: WAN-AP1-FB-14

Lab Sample ID: 705-40516-13

Date Collected: 08/19/25 16:35
Date Received: 08/20/25 09:40

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/30/25 11:08
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	77679	DS	EET ATL	08/26/25 19:02
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	78705	DS	EET ATL	08/31/25 08:48
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	78024	MD	EET ATL	08/27/25 19:36
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	78606	MD	EET ATL	08/30/25 02:55
Total/NA	Prep	7470A			79859	GR	EET ATL	09/05/25 15:04
Total/NA	Analysis	7470A		1	80060	GR	EET ATL	09/05/25 19:58
Total/NA	Analysis	2540C - 2015		1	77584	NN	EET ATL	08/26/25 15:45

Lab Chronicle

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

Job ID: 705-39776-1

Client Sample ID: WAN-WAMW-2

Lab Sample ID: 705-40516-14
Date Collected: 08/19/25 15:52
Matrix: Water
Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/30/25 11:19
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	77679	DS	EET ATL	08/26/25 19:05
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	78705	DS	EET ATL	08/31/25 08:50
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	78024	MD	EET ATL	08/27/25 19:39
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	78606	MD	EET ATL	08/30/25 02:59
Total/NA	Prep	7470A			79859	GR	EET ATL	09/05/25 15:04
Total/NA	Analysis	7470A		1	80060	GR	EET ATL	09/05/25 20:02
Total/NA	Analysis	2540C - 2015		1	77584	NN	EET ATL	08/26/25 15:45

Client Sample ID: WAN-AP1-FD-08

Lab Sample ID: 705-40516-15
Date Collected: 08/19/25 00:00
Matrix: Water
Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/30/25 11:31
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	77679	DS	EET ATL	08/26/25 19:08
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	78705	DS	EET ATL	08/31/25 08:56
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	78024	MD	EET ATL	08/27/25 19:43
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	78606	MD	EET ATL	08/30/25 03:02
Total/NA	Prep	7470A			79859	GR	EET ATL	09/05/25 15:04
Total/NA	Analysis	7470A		1	80060	GR	EET ATL	09/05/25 21:25
Total/NA	Analysis	2540C - 2015		1	77584	NN	EET ATL	08/26/25 15:45

Client Sample ID: WAN-WGWC-9

Lab Sample ID: 705-40516-16
Date Collected: 08/19/25 17:04
Matrix: Water
Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78456	MS	EET ATL	08/30/25 11:42
Total/NA	Analysis	300.0		10	79130	MS	EET ATL	09/03/25 14:01
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	77679	DS	EET ATL	08/26/25 19:11
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	78705	DS	EET ATL	08/31/25 08:58
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	78024	MD	EET ATL	08/27/25 19:46

Lab Chronicle

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

Job ID: 705-39776-1

Client Sample ID: WAN-WGWC-9

Lab Sample ID: 705-40516-16

Date Collected: 08/19/25 17:04

Matrix: Water

Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			77072	BR	EET ATL	08/25/25 08:58
Total Recoverable	Analysis	6020B		1	78606	MD	EET ATL	08/30/25 03:06
Total/NA	Prep	7470A			79859	GR	EET ATL	09/05/25 15:04
Total/NA	Analysis	7470A		1	80060	GR	EET ATL	09/05/25 21:29
Total/NA	Analysis	2540C - 2015		1	77584	NN	EET ATL	08/26/25 15:45

Client Sample ID: WAN-PZ-33D

Lab Sample ID: 705-40516-17

Date Collected: 08/19/25 16:54

Matrix: Water

Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	78456	MS	EET ATL	08/30/25 01:13
Total/NA	Analysis	300.0		20	78456	MS	EET ATL	08/30/25 12:28
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	77679	DS	EET ATL	08/26/25 19:14
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		10	77761	DS	EET ATL	08/27/25 09:34
Total/NA	Prep	3010A			77076	BR	EET ATL	08/25/25 09:15
Total/NA	Analysis	6010D		1	78705	DS	EET ATL	08/31/25 09:02
Total/NA	Analysis	2540C - 2015		1	77584	NN	EET ATL	08/26/25 15:45

Laboratory References:

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

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-39776-1
Project/Site: Plant Wansley Ash Pond

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 10/6/2025 3:49:37 PM

JOB DESCRIPTION

Plant Wansley Ash Pond

JOB NUMBER

705-39776-2

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

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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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10/6/2025 3:49:37 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: 705-39776-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-39776-1	WAN-WGWA-3	Water	08/12/25 09:50	08/13/25 15:20	Georgia
705-39776-2	WAN-WGWA-18	Water	08/12/25 10:32	08/13/25 15:20	Georgia
705-39776-3	WAN-WGWA-4	Water	08/12/25 11:15	08/13/25 15:20	Georgia
705-39776-4	WAN-WGWA-6	Water	08/12/25 13:35	08/13/25 15:20	Georgia
705-39776-5	WAN-WGWA-1	Water	08/12/25 15:30	08/13/25 15:20	Georgia
705-39776-6	WAN-WGWA-2	Water	08/12/25 12:50	08/13/25 15:20	Georgia
705-40192-1	WAN-WGWA-7	Water	08/13/25 10:00	08/15/25 16:02	Georgia
705-40192-2	WAN-WGWC-25	Water	08/13/25 11:45	08/15/25 16:02	Georgia
705-40192-3	WAN-WGWC-17	Water	08/13/25 12:20	08/15/25 16:02	Georgia
705-40192-4	WAN-WGWC-15	Water	08/13/25 14:05	08/15/25 16:02	Georgia
705-40192-5	WAN-PZ-31	Water	08/13/25 14:10	08/15/25 16:02	Georgia
705-40192-6	WAN-PZ-26D	Water	08/13/25 16:00	08/15/25 16:02	Georgia
705-40192-7	WAN-AP1-EB-01	Water	08/13/25 16:30	08/15/25 16:02	Georgia
705-40192-8	WAN-WGWC-8	Water	08/14/25 15:23	08/15/25 16:02	Georgia
705-40192-9	WAN-WGWC-13	Water	08/14/25 10:00	08/15/25 16:02	Georgia
705-40192-10	WAN-WGWC-14A	Water	08/14/25 14:20	08/15/25 16:02	Georgia
705-40192-11	WAN-WGWC-16	Water	08/14/25 09:38	08/15/25 16:02	Georgia
705-40192-12	WAN-WGWC-19	Water	08/14/25 16:44	08/15/25 16:02	Georgia
705-40192-13	WAN-WGWC-20	Water	08/14/25 11:00	08/15/25 16:02	Georgia
705-40192-14	WAN-WGWC-28D	Water	08/14/25 12:36	08/15/25 16:02	Georgia
705-40192-15	WAN-WAMW-1	Water	08/14/25 16:25	08/15/25 16:02	Georgia
705-40192-16	WAN-AP1-FD-01	Water	08/14/25 00:00	08/15/25 16:02	Georgia
705-40192-17	WAN-AP1-FD-02	Water	08/14/25 00:00	08/15/25 16:02	Georgia
705-40192-18	WAN-AP1-FB-07	Water	08/14/25 10:40	08/15/25 16:02	Georgia
705-40192-19	WAN-AP1-EB-02	Water	08/14/25 13:00	08/15/25 16:02	Georgia
705-40192-20	WAN-WGWC-12	Water	08/15/25 12:09	08/15/25 16:02	Georgia
705-40516-1	WAN-WGWC-11	Water	08/18/25 12:09	08/20/25 09:40	Georgia
705-40516-2	WAN-WGWC-27	Water	08/18/25 15:17	08/20/25 09:40	Georgia
705-40516-3	WAN-AP1-FB-08	Water	08/18/25 12:40	08/20/25 09:40	Georgia
705-40516-4	WAN-WGWC-24	Water	08/18/25 16:02	08/20/25 09:40	Georgia
705-40516-5	WAN-WGWC-22	Water	08/18/25 16:49	08/20/25 09:40	Georgia
705-40516-6	WAN-AP1-FD-03	Water	08/18/25 00:00	08/20/25 09:40	Georgia
705-40516-7	WAN-AP1-EB-03	Water	08/18/25 16:45	08/20/25 09:40	Georgia
705-40516-8	WAN-WGWC-21	Water	08/19/25 10:31	08/20/25 09:40	Georgia
705-40516-9	WAN-AP1-FB-09	Water	08/19/25 11:00	08/20/25 09:40	Georgia
705-40516-10	WAN-WGWC-10	Water	08/19/25 14:02	08/20/25 09:40	Georgia
705-40516-11	WAN-WGWC-23	Water	08/19/25 15:49	08/20/25 09:40	Georgia
705-40516-13	WAN-AP1-FB-14	Water	08/19/25 16:35	08/20/25 09:40	Georgia
705-40516-14	WAN-WAMW-2	Water	08/19/25 15:52	08/20/25 09:40	Georgia
705-40516-15	WAN-AP1-FD-08	Water	08/19/25 00:00	08/20/25 09:40	Georgia
705-40516-16	WAN-WGWC-9	Water	08/19/25 17:04	08/20/25 09:40	Georgia

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Phone (770) 457-8177

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: ACC	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-594-5948	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	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Task_Code: WAN-CCR-ASSMT-2025S2

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- WGWA-3	08/12/25	0950	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWA-18	08/12/25	1032	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWA-4	08/12/25	1115	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWA-6	08/12/25	1335	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWA-1	08/12/25	1530	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWA-2	08/12/25	1250	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										

705-39776 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:

	Date/Time:	Company		Date/Time:	Company
Relinquished by:	08/13/25 1000	ACC	Received by:	08/13/25 1000	ACC
Relinquished by:	08/13/25 1312	ACC	Received by:	8.13.25 1314	
Relinquished by:			Received by:		

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

Cooler Temperature(s) °C and Other Remarks: 0.2, 0.4- MS Blks #2665

Ver: 01/16/2019

10/6/2025

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Chain of Custody Record

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705-40192 COC

Client Information	Sampler: D. Schreier ACC C. Nicamble	Lab PM: David Fuller / Phone: 770-344-8986	Car	COC No: 1 of 2 (03)
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	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Task_Code: WAN-CCR-ASSMT-2025S2

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- WGWA-7	08/13/25	1000	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-25	08/13/25	1145	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-17	08/13/25	1220	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-15	08/13/25	1405	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- PZ-31	08/13/25	1410	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- PZ-26D	08/13/25	1600	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- API-EB-01	08/13/25	1630	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-8	08/14/25	1523	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-13	08/14/25	1000	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-14A	08/14/25	1420	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-16	08/14/25	0938	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 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
	8/15/25 @ 1601	ACC		08/15/25 1602	
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:
		2.1, 2.0, 1.9, 1.8 #2665

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Phone (770) 457-8177

Chain of Custody Record

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Client Information	Sampler: D. Samsen ACC / C. Kiumme	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	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:					X	X	I	I	D	D	D	D	D	D	D	X
WAN- WGWC-19	08/14/25	1644	G	WG	~	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-20	08/14/25	1100	G	WG	~	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-28D	08/14/25	1236	G	WG	~	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WAMW-1	08/14/25	1625	G	WG	~	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- API-FD-01	08/14/25	—	G	WG	~	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- API-FD-02	08/14/25	—	G	WG	~	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- API-FB-07	08/14/25	1040	G	WQ	~	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- API-EB-02	08/14/25	1300	G	WQ	~	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-12	08/15/25	1209	G	WG	~	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN-			G			N										
WAN-			G			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-ASSMT-2025S2

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
	8/15/25 @ 1601	ACC		08/15/25 1602	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Cooler Temperature(s) °C and Other Remarks: 2.1, 2.0, 1.9, 1.8 #2665

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Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Client Information	Sampler: ACC T. Goble/H. Avid	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	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-ASSMT-2025S2

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-11	08/18/25	1209	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-27	08/18/25	1517	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- API-FB-08	08/18/25	1240	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-24	08/18/25	1602	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-22	08/18/25	1649	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- API-FD-03	08/18/25	—	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- API-FB-03	08/18/25	1645	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-21	08/19/25	1031	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- API-FB-09	08/19/25	1100	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-10	08/19/25	1402	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-23	08/19/25	1549	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5

705-40516 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: 8-20-25/0730	Company ACC	Received by:	Date/Time: 8/20/25 0730	Company ACC
Relinquished by:	Date/Time: 8/20/25 0940	Company ACC	Received by:	Date/Time: 8/20/25 9:40	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Cooler Temperature(s) °C and Other Remarks: 0.2, 0.2, 0.4, 0.5 # 2665

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: T. Goode / H. Auld (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	Address: 241 Ralph McGill Blvd SE	City: Atlanta	State, Zip: GA, 30308	Phone: 404-506-7116(Tel)	Email: SCS Contacts / Geosyntec Contacts	Project Name: Plant Wansley Ash Pond	Site:
Due Date Requested:	TAT Requested (days):	Lab Project #: 70504536	PO #: GPC82130-0004 / PO Line #1	Project #:	SSOW#:		

Analysis Requested

Job #:

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-ASSMT-2025S2

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- PZ-32D	08/19/25	1418	G	WG	N	N	✓	✓	✓		✓					3	
WAN- API-FB-14	08/19/25	1635	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	
WAN- WAMW-2	08/19/25	1552	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	
WAN- API-FD-08	08/19/25	—	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	
WAN- WGWC-9	08/19/25	1704	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	
WAN- PZ-33D	08/19/25	1654	G	WG	N	N	✓	✓	✓	✓ TG	✓	✓ TG	✓ TG	✓ TG	✓ TG	TG 5	3
WAN-			G			N										5	
WAN-			G			N										5	
WAN-			G			N										5	
WAN-			G			N										5	
WAN-			G			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 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

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

Special Instructions/QC Requirements: CR

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Tyler Goode	8-20-25/0730	ACC	Sam Jones	8/20/25 0730	ACC
2	Sam Jones	8/20/25 0940	ACC	Keith	8/20/25 9:40	
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.2, 0.2, 0.4, 0.5 #2665

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: 705-60948.1
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 #: 705-39776-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 9/23/2025			
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			

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-11 (705-40516-1)	8/18/25	12:09 Eastern	G	Water			X	X	X	2	
WAN-WGWC-27 (705-40516-2)	8/18/25	15:17 Eastern	G	Water			X	X	X	2	
WAN-AP1-FB-08 (705-40516-3)	8/18/25	12:40 Eastern	G	Water			X	X	X	2	
WAN-WGWC-24 (705-40516-4)	8/18/25	16:02 Eastern	G	Water			X	X	X	2	
WAN-WGWC-22 (705-40516-5)	8/18/25	16:49 Eastern	G	Water			X	X	X	2	
WAN-AP1-FD-03 (705-40516-6)	8/18/25	Eastern	G	Water			X	X	X	2	
WAN-AP1-EB-03 (705-40516-7)	8/18/25	16:45 Eastern	G	Water			X	X	X	2	
WAN-WGWC-21 (705-40516-8)	8/19/25	10:31 Eastern	G	Water			X	X	X	2	
WAN-AP1-FB-09 (705-40516-9)	8/19/25	11:00 Eastern	G	Water			X	X	X	2	

Preservation Codes: -

Other: N/A

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: 8/21/25 1200	Company	Received by:	Date/Time: 0830 8/22/25	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

10/6/2025

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: 705-60948.2
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 #: 705-39776-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 9/23/2025			
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			

Analysis Requested

Preservation Codes: -

Other: N/A

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-10 (705-40516-10)	8/19/25	14:02 Eastern	G	Water			X	X	X	2	
WAN-WGWC-23 (705-40516-11)	8/19/25	15:49 Eastern	G	Water			X	X	X	2	
WAN-AP1-FB-14 (705-40516-13)	8/19/25	16:35 Eastern	G	Water			X	X	X	2	
WAN-WAMW-2 (705-40516-14)	8/19/25	15:52 Eastern	G	Water			X	X	X	2	
WAN-AP1-FD-08 (705-40516-15)	8/19/25	Eastern	G	Water			X	X	X	2	
WAN-WGWC-9 (705-40516-16)	8/19/25	17:04 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
1		8/21/25 1200			0830 8/22/25	
2	Relinquished by:	Date/Time:	Company	Received by: Cheyenne Forrest	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-39776-2

Login Number: 39776

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.

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-39776-2

Login Number: 39776
List Number: 2
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 08/14/25 11:55 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: 705-39776-2

Login Number: 40192

List Source: Eurofins Atlanta

List Number: 1

Creator: Taylor, Renee

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: 705-39776-2

Login Number: 40192
List Number: 2
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 08/19/25 12:56 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: 705-39776-2

Login Number: 40516

List Source: Eurofins Atlanta

List Number: 1

Creator: Gay, Dalton

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: 705-39776-2

Login Number: 40516
List Number: 2
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 08/22/25 01:26 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
Job ID: 705-39776-2
Project/Site: Plant Wansley Ash Pond

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 ID: 705-39776-2 — Eurofins Atlanta

Job Narrative
705-39776-2

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 8/13/2025 3:20 PM, 8/15/2025 4:02 PM and 8/20/2025 9:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 9 coolers at receipt time were 0.2°C, 0.2°C, 0.4°C, 0.4°C, 0.5°C, 1.8°C, 1.9°C, 2.0°C and 2.1°C.

Gas Flow Proportional Counter
Method 9320_Ra228: Radium 228 Batch 732900
The method blank (MB) exhibits activity above the requested limit (RL) for Radium-228. Associated sample(s) have activity below the RL. The data for the following samples have been reported with this narrative: WAN-WGWA-7 (705-40192-1), WAN-WGWC-17 (705-40192-3), WAN-WGWC-15 (705-40192-4), WAN-PZ-31 (705-40192-5), WAN-PZ-26D (705-40192-6), WAN-AP1-EB-01 (705-40192-7), WAN-WGWC-13 (705-40192-9), WAN-WGWC-14A (705-40192-10), WAN-WGWC-16 (705-40192-11), WAN-WGWC-19 (705-40192-12), WAN-WGWC-20 (705-40192-13), WAN-WAMW-1 (705-40192-15), WAN-AP1-FD-01 (705-40192-16), WAN-AP1-FD-02 (705-40192-17), WAN-AP1-EB-02 (705-40192-19) and WAN-WGWC-12 (705-40192-20)

Method 9320_Ra228: Radium 228 Batch 732900
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. WAN-PZ-31 (705-40192-5)

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 ID: WAN-WGWA-3

Lab Sample ID: 705-39776-1

Date Collected: 08/12/25 09:50

Matrix: Water

Date Received: 08/13/25 15:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0270	U	0.0643	0.0644	1.00	0.117	pCi/L	08/15/25 08:21	09/08/25 07:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.2*		*30 - 110*	*08/15/25 08:21*	*09/08/25 07:57*	*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	0.336	0.337	1.00	0.546	pCi/L	08/15/25 08:35	08/28/25 11:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.2*		*30 - 110*	*08/15/25 08:35*	*08/28/25 11:58*	*1*
Y Carrier	*83.4*		*30 - 110*	*08/15/25 08:35*	*08/28/25 11:58*	*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	0.341	U	0.342	0.343	5.00	0.546	pCi/L		09/09/25 14:46	1

Client Sample ID: WAN-WGWA-18

Lab Sample ID: 705-39776-2

Date Collected: 08/12/25 10:32

Matrix: Water

Date Received: 08/13/25 15:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0894	U	0.0939	0.0942	1.00	0.151	pCi/L	08/15/25 08:21	09/08/25 07:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.8*		*30 - 110*	*08/15/25 08:21*	*09/08/25 07:57*	*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	0.608	U	0.431	0.435	1.00	0.656	pCi/L	08/15/25 08:35	08/28/25 11:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.8*		*30 - 110*	*08/15/25 08:35*	*08/28/25 11:58*	*1*
Y Carrier	*78.5*		*30 - 110*	*08/15/25 08:35*	*08/28/25 11:58*	*1*

Client Sample ID: WAN-WGWA-18

Lab Sample ID: 705-39776-2

Date Collected: 08/12/25 10:32

Matrix: Water

Date Received: 08/13/25 15:20

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	0.697		0.441	0.445	5.00	0.656	pCi/L		09/09/25 14:46	1

Client Sample ID: WAN-WGWA-4

Lab Sample ID: 705-39776-3

Date Collected: 08/12/25 11:15

Matrix: Water

Date Received: 08/13/25 15:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.603		0.160	0.168	1.00	0.156	pCi/L	08/15/25 08:21	09/08/25 07:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.3*		*30 - 110*	*08/15/25 08:21*	*09/08/25 07:57*	*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	1.47		0.539	0.555	1.00	0.700	pCi/L	08/15/25 08:35	08/28/25 11:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.3*		*30 - 110*	*08/15/25 08:35*	*08/28/25 11:58*	*1*
Y Carrier	*76.3*		*30 - 110*	*08/15/25 08:35*	*08/28/25 11:58*	*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	2.07		0.562	0.580	5.00	0.700	pCi/L		09/09/25 14:46	1

Client Sample ID: WAN-WGWA-6

Lab Sample ID: 705-39776-4

Date Collected: 08/12/25 13:35

Matrix: Water

Date Received: 08/13/25 15:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	3.23		0.313	0.427	1.00	0.131	pCi/L	08/15/25 08:21	09/08/25 07:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*08/15/25 08:21*	*09/08/25 07:55*	*1*

Client Sample ID: WAN-WGWA-6

Lab Sample ID: 705-39776-4

Date Collected: 08/12/25 13:35

Matrix: Water

Date Received: 08/13/25 15:20

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	7.92		0.955	1.20	1.00	0.593	pCi/L	08/15/25 08:35	08/28/25 11:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*08/15/25 08:35*	*08/28/25 11:58*	*1*
Y Carrier	*78.1*		*30 - 110*	*08/15/25 08:35*	*08/28/25 11:58*	*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	11.1		1.00	1.27	5.00	0.593	pCi/L		09/09/25 14:46	1

Client Sample ID: WAN-WGWA-1

Lab Sample ID: 705-39776-5

Date Collected: 08/12/25 15:30

Matrix: Water

Date Received: 08/13/25 15:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0728	U	0.0720	0.0723	1.00	0.113	pCi/L	08/15/25 08:21	09/08/25 07:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.4*		*30 - 110*	*08/15/25 08:21*	*09/08/25 07:55*	*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	1.05		0.464	0.474	1.00	0.637	pCi/L	08/15/25 08:35	08/28/25 11:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.4*		*30 - 110*	*08/15/25 08:35*	*08/28/25 11:58*	*1*
Y Carrier	*82.2*		*30 - 110*	*08/15/25 08:35*	*08/28/25 11:58*	*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	1.13		0.470	0.479	5.00	0.637	pCi/L		09/09/25 14:46	1

Client Sample ID: WAN-WGWA-2

Lab Sample ID: 705-39776-6

Date Collected: 08/12/25 12:50

Matrix: Water

Date Received: 08/13/25 15:20

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0696	U	0.0701	0.0704	1.00	0.111	pCi/L	08/15/25 08:21	09/08/25 07:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.4*		*30 - 110*	*08/15/25 08:21*	*09/08/25 07:55*	*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	**0.847**		0.372	0.380	1.00	0.491	pCi/L	08/15/25 08:35	08/28/25 11:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.4*		*30 - 110*	*08/15/25 08:35*	*08/28/25 11:58*	*1*
Y Carrier	*87.5*		*30 - 110*	*08/15/25 08:35*	*08/28/25 11:58*	*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	**0.917**		0.379	0.386	5.00	0.491	pCi/L		09/09/25 14:46	1

Client Sample ID: WAN-WGWA-7

Lab Sample ID: 705-40192-1

Date Collected: 08/13/25 10:00

Matrix: Water

Date Received: 08/15/25 16:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.000	U	0.140	0.140	1.00	0.294	pCi/L	08/21/25 08:22	09/24/25 20:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.5*		*30 - 110*	*08/21/25 08:22*	*09/24/25 20:18*	*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	**0.701**		0.412	0.417	1.00	0.608	pCi/L	08/21/25 08:28	09/24/25 11:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.5*		*30 - 110*	*08/21/25 08:28*	*09/24/25 11:51*	*1*
Y Carrier	*81.1*		*30 - 110*	*08/21/25 08:28*	*09/24/25 11:51*	*1*

Client Sample ID: WAN-WGWA-7

Lab Sample ID: 705-40192-1

Date Collected: 08/13/25 10:00

Matrix: Water

Date Received: 08/15/25 16:02

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	0.701		0.435	0.440	5.00	0.608	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-WGWC-25

Lab Sample ID: 705-40192-2

Date Collected: 08/13/25 11:45

Matrix: Water

Date Received: 08/15/25 16:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0540	U	0.149	0.149	1.00	0.282	pCi/L	08/21/25 08:22	09/24/25 20:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.4*		*30 - 110*	*08/21/25 08:22*	*09/24/25 20:18*	*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	0.894		0.384	0.392	1.00	0.495	pCi/L	09/26/25 06:45	10/05/25 10:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.6*		*30 - 110*	*09/26/25 06:45*	*10/05/25 10:45*	*1*
Y Carrier	*84.5*		*30 - 110*	*09/26/25 06:45*	*10/05/25 10:45*	*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	1.29		0.453	0.467	5.00	0.519	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-WGWC-17

Lab Sample ID: 705-40192-3

Date Collected: 08/13/25 12:20

Matrix: Water

Date Received: 08/15/25 16:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0330	U	0.191	0.191	1.00	0.393	pCi/L	08/21/25 08:24	09/24/25 20:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.9*		*30 - 110*	*08/21/25 08:24*	*09/24/25 20:18*	*1*

Client Sample ID: WAN-WGWC-17

Lab Sample ID: 705-40192-3

Date Collected: 08/13/25 12:20
Matrix: Water
Date Received: 08/15/25 16:02

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.648		0.347	0.352	1.00	0.487	pCi/L	08/21/25 08:28	09/24/25 11:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.9*		*30 - 110*	*08/21/25 08:28*	*09/24/25 11:51*	*1*
Y Carrier	*81.5*		*30 - 110*	*08/21/25 08:28*	*09/24/25 11:51*	*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	0.615		0.396	0.400	5.00	0.487	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-WGWC-15

Lab Sample ID: 705-40192-4

Date Collected: 08/13/25 14:05
Matrix: Water
Date Received: 08/15/25 16:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0412	U	0.187	0.187	1.00	0.392	pCi/L	08/21/25 08:24	09/24/25 20:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.0*		*30 - 110*	*08/21/25 08:24*	*09/24/25 20:19*	*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	0.948		0.430	0.438	1.00	0.580	pCi/L	08/21/25 08:28	09/24/25 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.0*		*30 - 110*	*08/21/25 08:28*	*09/24/25 11:52*	*1*
Y Carrier	*76.3*		*30 - 110*	*08/21/25 08:28*	*09/24/25 11:52*	*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	0.907		0.469	0.476	5.00	0.580	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-PZ-31

Lab Sample ID: 705-40192-5

Date Collected: 08/13/25 14:10

Matrix: Water

Date Received: 08/15/25 16:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.134	U	0.212	0.212	1.00	0.366	pCi/L	08/21/25 08:24	09/24/25 20:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.2*		*30 - 110*	*08/21/25 08:24*	*09/24/25 20:19*	*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	0.536	U G	0.631	0.633	1.00	1.04	pCi/L	08/21/25 08:28	09/24/25 15:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.2*		*30 - 110*	*08/21/25 08:28*	*09/24/25 15:17*	*1*
Y Carrier	*74.0*		*30 - 110*	*08/21/25 08:28*	*09/24/25 15:17*	*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	0.670	U	0.666	0.668	5.00	1.04	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-PZ-26D

Lab Sample ID: 705-40192-6

Date Collected: 08/13/25 16:00

Matrix: Water

Date Received: 08/15/25 16:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.137	U	0.193	0.194	1.00	0.327	pCi/L	08/21/25 08:24	09/24/25 20:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.9*		*30 - 110*	*08/21/25 08:24*	*09/24/25 20:19*	*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	0.577	U	0.484	0.487	1.00	0.758	pCi/L	08/21/25 08:28	09/24/25 15:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.9*		*30 - 110*	*08/21/25 08:28*	*09/24/25 15:17*	*1*
Y Carrier	*83.0*		*30 - 110*	*08/21/25 08:28*	*09/24/25 15:17*	*1*

Client Sample ID: WAN-PZ-26D

Lab Sample ID: 705-40192-6

Date Collected: 08/13/25 16:00
Matrix: Water
Date Received: 08/15/25 16:02

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	0.521	0.524	5.00	0.758	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-AP1-EB-01

Lab Sample ID: 705-40192-7

Date Collected: 08/13/25 16:30
Matrix: Water
Date Received: 08/15/25 16:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0912	U	0.206	0.206	1.00	0.434	pCi/L	08/21/25 08:24	09/24/25 20:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*30 - 110*	*08/21/25 08:24*	*09/24/25 20:19*	*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	**0.610**		0.396	0.400	1.00	0.588	pCi/L	08/21/25 08:28	09/24/25 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*30 - 110*	*08/21/25 08:28*	*09/24/25 11:52*	*1*
Y Carrier	*76.6*		*30 - 110*	*08/21/25 08:28*	*09/24/25 11:52*	*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	0.519	U	0.446	0.450	5.00	0.588	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-WGWC-8

Lab Sample ID: 705-40192-8

Date Collected: 08/14/25 15:23
Matrix: Water
Date Received: 08/15/25 16:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.681**		0.362	0.367	1.00	0.488	pCi/L	08/21/25 08:24	09/24/25 20:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.7*		*30 - 110*	*08/21/25 08:24*	*09/24/25 20:19*	*1*

Client Sample ID: WAN-WGWC-8

Lab Sample ID: 705-40192-8

Date Collected: 08/14/25 15:23

Matrix: Water

Date Received: 08/15/25 16:02

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	4.25		0.797	0.888	1.00	0.750	pCi/L	09/26/25 06:45	10/05/25 10:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*71.6*		*30 - 110*	*09/26/25 06:45*	*10/05/25 10:45*	*1*
Y Carrier	*83.7*		*30 - 110*	*09/26/25 06:45*	*10/05/25 10:45*	*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	3.43		0.746	0.789	5.00	0.674	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-WGWC-13

Lab Sample ID: 705-40192-9

Date Collected: 08/14/25 10:00

Matrix: Water

Date Received: 08/15/25 16:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0898	U	0.199	0.199	1.00	0.356	pCi/L	08/21/25 08:24	09/24/25 20:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.7*		*30 - 110*	*08/21/25 08:24*	*09/24/25 20:19*	*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	0.878		0.383	0.392	1.00	0.493	pCi/L	08/21/25 08:28	09/24/25 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.7*		*30 - 110*	*08/21/25 08:28*	*09/24/25 11:52*	*1*
Y Carrier	*77.4*		*30 - 110*	*08/21/25 08:28*	*09/24/25 11:52*	*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	0.968		0.432	0.440	5.00	0.493	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-WGWC-14A

Lab Sample ID: 705-40192-10

Date Collected: 08/14/25 14:20

Matrix: Water

Date Received: 08/15/25 16:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0783	U	0.200	0.200	1.00	0.363	pCi/L	08/21/25 08:24	09/24/25 20:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.7*		*30 - 110*	*08/21/25 08:24*	*09/24/25 20:19*	*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	0.608	U	0.521	0.524	1.00	0.819	pCi/L	08/21/25 08:28	09/24/25 15:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.7*		*30 - 110*	*08/21/25 08:28*	*09/24/25 15:18*	*1*
Y Carrier	*80.0*		*30 - 110*	*08/21/25 08:28*	*09/24/25 15:18*	*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	0.687	U	0.558	0.561	5.00	0.819	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-WGWC-16

Lab Sample ID: 705-40192-11

Date Collected: 08/14/25 09:38

Matrix: Water

Date Received: 08/15/25 16:02

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	U	0.186	0.187	1.00	0.313	pCi/L	08/21/25 08:24	09/24/25 20:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.1*		*30 - 110*	*08/21/25 08:24*	*09/24/25 20:19*	*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	0.802	U	0.543	0.548	1.00	0.822	pCi/L	08/21/25 08:28	09/24/25 15:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.1*		*30 - 110*	*08/21/25 08:28*	*09/24/25 15:18*	*1*
Y Carrier	*83.0*		*30 - 110*	*08/21/25 08:28*	*09/24/25 15:18*	*1*

Client Sample ID: WAN-WGWC-16

Lab Sample ID: 705-40192-11

Date Collected: 08/14/25 09:38

Matrix: Water

Date Received: 08/15/25 16:02

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	0.940		0.574	0.579	5.00	0.822	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-WGWC-19

Lab Sample ID: 705-40192-12

Date Collected: 08/14/25 16:44

Matrix: Water

Date Received: 08/15/25 16:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0417	U	0.179	0.179	1.00	0.341	pCi/L	08/21/25 08:24	09/24/25 20:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.7*		*30 - 110*	*08/21/25 08:24*	*09/24/25 20:19*	*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	0.956		0.415	0.424	1.00	0.555	pCi/L	08/21/25 08:28	09/24/25 11:46	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.7*		*30 - 110*	*08/21/25 08:28*	*09/24/25 11:46*	*1*
Y Carrier	*82.6*		*30 - 110*	*08/21/25 08:28*	*09/24/25 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	0.998		0.452	0.460	5.00	0.555	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-WGWC-20

Lab Sample ID: 705-40192-13

Date Collected: 08/14/25 11:00

Matrix: Water

Date Received: 08/15/25 16:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.181	U	0.188	0.189	1.00	0.297	pCi/L	08/21/25 08:24	09/24/25 20:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.8*		*30 - 110*	*08/21/25 08:24*	*09/24/25 20:19*	*1*

Client Sample ID: WAN-WGWC-20

Lab Sample ID: 705-40192-13

Date Collected: 08/14/25 11:00

Matrix: Water

Date Received: 08/15/25 16:02

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.535	U	0.540	0.543	1.00	0.872	pCi/L	08/21/25 08:28	09/24/25 15:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.8*		*30 - 110*	*08/21/25 08:28*	*09/24/25 15:18*	*1*
Y Carrier	*76.3*		*30 - 110*	*08/21/25 08:28*	*09/24/25 15:18*	*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	0.715	U	0.572	0.575	5.00	0.872	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-WGWC-28D

Lab Sample ID: 705-40192-14

Date Collected: 08/14/25 12:36

Matrix: Water

Date Received: 08/15/25 16:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**2.22**		0.470	0.510	1.00	0.351	pCi/L	08/21/25 08:24	09/24/25 20:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.3*		*30 - 110*	*08/21/25 08:24*	*09/24/25 20:19*	*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	**6.30**		0.869	1.04	1.00	0.647	pCi/L	09/26/25 06:45	10/05/25 10:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.9*		*30 - 110*	*09/26/25 06:45*	*10/05/25 10:45*	*1*
Y Carrier	*81.5*		*30 - 110*	*09/26/25 06:45*	*10/05/25 10:45*	*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	**8.52**		0.988	1.16	5.00	0.647	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-WAMW-1

Lab Sample ID: 705-40192-15

Date Collected: 08/14/25 16:25

Matrix: Water

Date Received: 08/15/25 16:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.104	U	0.194	0.194	1.00	0.342	pCi/L	08/21/25 08:24	09/24/25 20:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.5*		*30 - 110*	*08/21/25 08:24*	*09/24/25 20:19*	*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	**0.883**		0.386	0.395	1.00	0.507	pCi/L	08/21/25 08:28	09/24/25 11:46	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.5*		*30 - 110*	*08/21/25 08:28*	*09/24/25 11:46*	*1*
Y Carrier	*82.6*		*30 - 110*	*08/21/25 08:28*	*09/24/25 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	**0.987**		0.432	0.440	5.00	0.507	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-AP1-FD-01

Lab Sample ID: 705-40192-16

Date Collected: 08/14/25 00:00

Matrix: Water

Date Received: 08/15/25 16:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0892	U	0.153	0.153	1.00	0.270	pCi/L	08/21/25 08:24	09/24/25 20:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.2*		*30 - 110*	*08/21/25 08:24*	*09/24/25 20:19*	*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	0.199	U	0.424	0.425	1.00	0.744	pCi/L	08/21/25 08:28	09/24/25 15:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.2*		*30 - 110*	*08/21/25 08:28*	*09/24/25 15:18*	*1*
Y Carrier	*77.8*		*30 - 110*	*08/21/25 08:28*	*09/24/25 15:18*	*1*

Client Sample ID: WAN-AP1-FD-01

Lab Sample ID: 705-40192-16

Date Collected: 08/14/25 00:00

Matrix: Water

Date Received: 08/15/25 16:02

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	0.288	U	0.451	0.452	5.00	0.744	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-AP1-FD-02

Lab Sample ID: 705-40192-17

Date Collected: 08/14/25 00:00

Matrix: Water

Date Received: 08/15/25 16:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0242	U	0.114	0.114	1.00	0.269	pCi/L	08/21/25 08:24	09/24/25 20:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.6*		*30 - 110*	*08/21/25 08:24*	*09/24/25 20:20*	*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	0.504	U	0.581	0.583	1.00	0.955	pCi/L	08/21/25 08:28	09/24/25 15:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.6*		*30 - 110*	*08/21/25 08:28*	*09/24/25 15:18*	*1*
Y Carrier	*77.8*		*30 - 110*	*08/21/25 08:28*	*09/24/25 15:18*	*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	0.480	U	0.592	0.594	5.00	0.955	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-AP1-FB-07

Lab Sample ID: 705-40192-18

Date Collected: 08/14/25 10:40

Matrix: Water

Date Received: 08/15/25 16:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0652	U	0.148	0.148	1.00	0.336	pCi/L	08/21/25 08:24	09/24/25 20:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.0*		*30 - 110*	*08/21/25 08:24*	*09/24/25 20:20*	*1*

Client Sample ID: WAN-AP1-FB-07

Lab Sample ID: 705-40192-18

Date Collected: 08/14/25 10:40

Matrix: Water

Date Received: 08/15/25 16:02

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.902		0.403	0.412	1.00	0.543	pCi/L	09/26/25 06:45	10/05/25 10:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.6*		*30 - 110*	*09/26/25 06:45*	*10/05/25 10:45*	*1*
Y Carrier	*85.6*		*30 - 110*	*09/26/25 06:45*	*10/05/25 10:45*	*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	0.837		0.429	0.438	5.00	0.543	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-AP1-EB-02

Lab Sample ID: 705-40192-19

Date Collected: 08/14/25 13:00

Matrix: Water

Date Received: 08/15/25 16:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0430	U	0.130	0.130	1.00	0.297	pCi/L	08/21/25 08:24	09/24/25 20:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.7*		*30 - 110*	*08/21/25 08:24*	*09/24/25 20:20*	*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	0.0253	U	0.469	0.469	1.00	0.861	pCi/L	08/21/25 08:28	09/24/25 15:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.7*		*30 - 110*	*08/21/25 08:28*	*09/24/25 15:19*	*1*
Y Carrier	*82.2*		*30 - 110*	*08/21/25 08:28*	*09/24/25 15:19*	*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	-0.0177	U	0.487	0.487	5.00	0.861	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-WGWC-12

Lab Sample ID: 705-40192-20

Date Collected: 08/15/25 12:09

Matrix: Water

Date Received: 08/15/25 16:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0781	U	0.171	0.171	1.00	0.309	pCi/L	08/21/25 08:24	09/24/25 20:20	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.2*		*30 - 110*	*08/21/25 08:24*	*09/24/25 20:20*	*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	-0.0672	U	0.394	0.394	1.00	0.767	pCi/L	08/21/25 08:28	09/24/25 15:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.2*		*30 - 110*	*08/21/25 08:28*	*09/24/25 15:19*	*1*
Y Carrier	*78.9*		*30 - 110*	*08/21/25 08:28*	*09/24/25 15:19*	*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	0.0108	U	0.430	0.430	5.00	0.767	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-WGWC-11

Lab Sample ID: 705-40516-1

Date Collected: 08/18/25 12:09

Matrix: Water

Date Received: 08/20/25 09:40

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0206	U	0.162	0.162	1.00	0.337	pCi/L	08/29/25 10:40	09/23/25 22:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.5*		*30 - 110*	*08/29/25 10:40*	*09/23/25 22:48*	*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	0.272	U	0.354	0.355	1.00	0.590	pCi/L	08/29/25 10:45	09/23/25 11:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.5*		*30 - 110*	*08/29/25 10:45*	*09/23/25 11:59*	*1*
Y Carrier	*79.6*		*30 - 110*	*08/29/25 10:45*	*09/23/25 11:59*	*1*

Client Sample ID: WAN-WGWC-11

Lab Sample ID: 705-40516-1

Date Collected: 08/18/25 12:09

Matrix: Water

Date Received: 08/20/25 09:40

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	0.251	U	0.389	0.390	5.00	0.590	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-WGWC-27

Lab Sample ID: 705-40516-2

Date Collected: 08/18/25 15:17

Matrix: Water

Date Received: 08/20/25 09:40

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**		0.310	0.316	1.00	0.361	pCi/L	08/29/25 10:40	09/23/25 22:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.4*		*30 - 110*	*08/29/25 10:40*	*09/23/25 22:48*	*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	**2.25**		0.591	0.626	1.00	0.645	pCi/L	08/29/25 10:45	09/23/25 11:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.4*		*30 - 110*	*08/29/25 10:45*	*09/23/25 11:59*	*1*
Y Carrier	*78.1*		*30 - 110*	*08/29/25 10:45*	*09/23/25 11:59*	*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	**2.97**		0.667	0.701	5.00	0.645	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-AP1-FB-08

Lab Sample ID: 705-40516-3

Date Collected: 08/18/25 12:40

Matrix: Water

Date Received: 08/20/25 09:40

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.122	U	0.152	0.153	1.00	0.252	pCi/L	08/29/25 10:40	09/24/25 07:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*30 - 110*	*08/29/25 10:40*	*09/24/25 07:29*	*1*

Client Sample ID: WAN-AP1-FB-08

Lab Sample ID: 705-40516-3

Date Collected: 08/18/25 12:40

Matrix: Water

Date Received: 08/20/25 09:40

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.287	U	0.340	0.341	1.00	0.561	pCi/L	08/29/25 10:45	09/23/25 11:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*30 - 110*	*08/29/25 10:45*	*09/23/25 11:59*	*1*
Y Carrier	*81.5*		*30 - 110*	*08/29/25 10:45*	*09/23/25 11:59*	*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	0.410	U	0.372	0.374	5.00	0.561	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-WGWC-24

Lab Sample ID: 705-40516-4

Date Collected: 08/18/25 16:02

Matrix: Water

Date Received: 08/20/25 09:40

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.377**		0.244	0.246	1.00	0.345	pCi/L	08/29/25 10:40	09/24/25 07:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.7*		*30 - 110*	*08/29/25 10:40*	*09/24/25 07:29*	*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	**0.908**		0.408	0.417	1.00	0.552	pCi/L	08/29/25 10:45	09/23/25 11:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.7*		*30 - 110*	*08/29/25 10:45*	*09/23/25 11:59*	*1*
Y Carrier	*81.9*		*30 - 110*	*08/29/25 10:45*	*09/23/25 11:59*	*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	**1.28**		0.475	0.484	5.00	0.552	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-WGWC-22

Lab Sample ID: 705-40516-5

Date Collected: 08/18/25 16:49

Matrix: Water

Date Received: 08/20/25 09:40

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.77		0.391	0.422	1.00	0.283	pCi/L	08/29/25 10:40	09/24/25 07:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.9*		*30 - 110*	*08/29/25 10:40*	*09/24/25 07:29*	*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	3.76		0.721	0.799	1.00	0.701	pCi/L	08/29/25 10:45	09/23/25 11:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.9*		*30 - 110*	*08/29/25 10:45*	*09/23/25 11:59*	*1*
Y Carrier	*80.7*		*30 - 110*	*08/29/25 10:45*	*09/23/25 11:59*	*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	5.52		0.820	0.904	5.00	0.701	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-AP1-FD-03

Lab Sample ID: 705-40516-6

Date Collected: 08/18/25 00:00

Matrix: Water

Date Received: 08/20/25 09:40

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0157	U	0.165	0.165	1.00	0.335	pCi/L	08/29/25 10:40	09/24/25 07:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.2*		*30 - 110*	*08/29/25 10:40*	*09/24/25 07:29*	*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	0.820		0.362	0.370	1.00	0.467	pCi/L	08/29/25 10:45	09/23/25 12:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.2*		*30 - 110*	*08/29/25 10:45*	*09/23/25 12:00*	*1*
Y Carrier	*83.0*		*30 - 110*	*08/29/25 10:45*	*09/23/25 12:00*	*1*

Client Sample ID: WAN-AP1-FD-03

Lab Sample ID: 705-40516-6

Date Collected: 08/18/25 00:00

Matrix: Water

Date Received: 08/20/25 09:40

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	0.805		0.398	0.405	5.00	0.467	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-AP1-EB-03

Lab Sample ID: 705-40516-7

Date Collected: 08/18/25 16:45

Matrix: Water

Date Received: 08/20/25 09:40

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0290	U	0.125	0.125	1.00	0.246	pCi/L	08/29/25 10:40	09/24/25 09:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.3*		*30 - 110*	*08/29/25 10:40*	*09/24/25 09:13*	*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	0.399	U	0.325	0.327	1.00	0.500	pCi/L	08/29/25 10:45	09/23/25 12:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.3*		*30 - 110*	*08/29/25 10:45*	*09/23/25 12:00*	*1*
Y Carrier	*81.9*		*30 - 110*	*08/29/25 10:45*	*09/23/25 12:00*	*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	0.428	U	0.348	0.350	5.00	0.500	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-WGWC-21

Lab Sample ID: 705-40516-8

Date Collected: 08/19/25 10:31

Matrix: Water

Date Received: 08/20/25 09:40

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.220	U	0.216	0.217	1.00	0.341	pCi/L	08/29/25 10:40	09/24/25 09:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.7*		*30 - 110*	*08/29/25 10:40*	*09/24/25 09:13*	*1*

Client Sample ID: WAN-WGWC-21

Lab Sample ID: 705-40516-8

Date Collected: 08/19/25 10:31

Matrix: Water

Date Received: 08/20/25 09:40

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.916		0.393	0.402	1.00	0.511	pCi/L	08/29/25 10:45	09/23/25 12:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.7*		*30 - 110*	*08/29/25 10:45*	*09/23/25 12:00*	*1*
Y Carrier	*80.0*		*30 - 110*	*08/29/25 10:45*	*09/23/25 12:00*	*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	1.14		0.448	0.457	5.00	0.511	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-AP1-FB-09

Lab Sample ID: 705-40516-9

Date Collected: 08/19/25 11:00

Matrix: Water

Date Received: 08/20/25 09:40

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0697	U	0.141	0.141	1.00	0.253	pCi/L	08/29/25 10:40	09/24/25 09:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.2*		*30 - 110*	*08/29/25 10:40*	*09/24/25 09:13*	*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	0.727		0.394	0.400	1.00	0.563	pCi/L	08/29/25 10:45	09/23/25 12:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.2*		*30 - 110*	*08/29/25 10:45*	*09/23/25 12:00*	*1*
Y Carrier	*82.2*		*30 - 110*	*08/29/25 10:45*	*09/23/25 12:00*	*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	0.796		0.418	0.424	5.00	0.563	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-WGWC-10

Lab Sample ID: 705-40516-10

Date Collected: 08/19/25 14:02

Matrix: Water

Date Received: 08/20/25 09:40

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.209	U	0.204	0.205	1.00	0.321	pCi/L	08/29/25 10:40	09/24/25 09:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.4*		*30 - 110*	*08/29/25 10:40*	*09/24/25 09:13*	*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	**0.591**		0.350	0.354	1.00	0.503	pCi/L	08/29/25 10:45	09/23/25 12:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.4*		*30 - 110*	*08/29/25 10:45*	*09/23/25 12:00*	*1*
Y Carrier	*81.1*		*30 - 110*	*08/29/25 10:45*	*09/23/25 12:00*	*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	**0.800**		0.405	0.409	5.00	0.503	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-WGWC-23

Lab Sample ID: 705-40516-11

Date Collected: 08/19/25 15:49

Matrix: Water

Date Received: 08/20/25 09:40

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.548**		0.309	0.313	1.00	0.407	pCi/L	08/29/25 10:46	09/24/25 18:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.1*		*30 - 110*	*08/29/25 10:46*	*09/24/25 18:18*	*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	**1.19**		0.505	0.517	1.00	0.673	pCi/L	08/29/25 10:55	09/24/25 11:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.1*		*30 - 110*	*08/29/25 10:55*	*09/24/25 11:57*	*1*
Y Carrier	*83.0*		*30 - 110*	*08/29/25 10:55*	*09/24/25 11:57*	*1*

Client Sample ID: WAN-WGWC-23

Lab Sample ID: 705-40516-11

Date Collected: 08/19/25 15:49
Matrix: Water
Date Received: 08/20/25 09:40

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	1.74		0.592	0.604	5.00	0.673	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-AP1-FB-14

Lab Sample ID: 705-40516-13

Date Collected: 08/19/25 16:35
Matrix: Water
Date Received: 08/20/25 09:40

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0247	U	0.177	0.177	1.00	0.368	pCi/L	08/29/25 10:46	09/24/25 18:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.3*		*30 - 110*	*08/29/25 10:46*	*09/24/25 18:18*	*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	0.159	U	0.375	0.375	1.00	0.657	pCi/L	08/29/25 10:55	09/24/25 11:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.3*		*30 - 110*	*08/29/25 10:55*	*09/24/25 11:57*	*1*
Y Carrier	*76.3*		*30 - 110*	*08/29/25 10:55*	*09/24/25 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	0.134	U	0.415	0.415	5.00	0.657	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-WAMW-2

Lab Sample ID: 705-40516-14

Date Collected: 08/19/25 15:52
Matrix: Water
Date Received: 08/20/25 09:40

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.507		0.269	0.273	1.00	0.346	pCi/L	08/29/25 10:46	09/24/25 18:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.6*		*30 - 110*	*08/29/25 10:46*	*09/24/25 18:18*	*1*

Client Sample ID: WAN-WAMW-2

Lab Sample ID: 705-40516-14

Date Collected: 08/19/25 15:52
Matrix: Water
Date Received: 08/20/25 09:40

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.607		0.369	0.373	1.00	0.542	pCi/L	08/29/25 10:55	09/24/25 11:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.6*		*30 - 110*	*08/29/25 10:55*	*09/24/25 11:57*	*1*
Y Carrier	*81.9*		*30 - 110*	*08/29/25 10:55*	*09/24/25 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	1.11		0.457	0.462	5.00	0.542	pCi/L		10/06/25 13:34	1

Client Sample ID: WAN-AP1-FD-08

Lab Sample ID: 705-40516-15

Date Collected: 08/19/25 00:00
Matrix: Water
Date Received: 08/20/25 09:40

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.203	U	0.204	0.205	1.00	0.319	pCi/L	08/29/25 10:46	09/24/25 18:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.1*		*30 - 110*	*08/29/25 10:46*	*09/24/25 18:25*	*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	0.763		0.413	0.419	1.00	0.588	pCi/L	08/29/25 10:55	09/24/25 11:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.1*		*30 - 110*	*08/29/25 10:55*	*09/24/25 11:57*	*1*
Y Carrier	*81.1*		*30 - 110*	*08/29/25 10:55*	*09/24/25 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	0.966		0.461	0.466	5.00	0.588	pCi/L		10/06/25 13:34	1

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

Job ID: 705-39776-2

Client Sample ID: WAN-WGWC-9

Date Collected: 08/19/25 17:04
Date Received: 08/20/25 09:40

Lab Sample ID: 705-40516-16

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	0.0790	U	0.177	0.177	1.00	0.323	pCi/L	08/29/25 10:46	09/24/25 18:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.6*		*30 - 110*	*08/29/25 10:46*	*09/24/25 18:25*	*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	0.431	U	0.363	0.365	1.00	0.572	pCi/L	08/29/25 10:55	09/24/25 11:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.6*		*30 - 110*	*08/29/25 10:55*	*09/24/25 11:57*	*1*
Y Carrier	*84.1*		*30 - 110*	*08/29/25 10:55*	*09/24/25 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	0.510	U	0.404	0.406	5.00	0.572	pCi/L		10/06/25 13:34	1

Tracer/Carrier Summary

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

Job ID: 705-39776-2

Method: 9315 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)						
		Ba						
Lab Sample ID	Client Sample ID	(30-110)						
400-281250-A-13-B DU	Duplicate	88.3						
500-272984-I-1-A DU	Duplicate	86.3						
705-39776-1	WAN-WGWA-3	89.2						
705-39776-2	WAN-WGWA-18	85.8						
705-39776-3	WAN-WGWA-4	88.3						
705-39776-4	WAN-WGWA-6	84.6						
705-39776-5	WAN-WGWA-1	91.4						
705-39776-6	WAN-WGWA-2	91.4						
705-40192-1	WAN-WGWA-7	89.5						
705-40192-2	WAN-WGWC-25	93.4						
705-40192-3	WAN-WGWC-17	94.9						
705-40192-3 DU	WAN-WGWC-17	87.8						
705-40192-4	WAN-WGWC-15	91.0						
705-40192-5	WAN-PZ-31	79.2						
705-40192-6	WAN-PZ-26D	94.9						
705-40192-7	WAN-AP1-EB-01	88.5						
705-40192-8	WAN-WGWC-8	80.7						
705-40192-9	WAN-WGWC-13	91.7						
705-40192-10	WAN-WGWC-14A	91.7						
705-40192-11	WAN-WGWC-16	96.1						
705-40192-12	WAN-WGWC-19	89.7						
705-40192-13	WAN-WGWC-20	88.8						
705-40192-14	WAN-WGWC-28D	88.3						
705-40192-15	WAN-WAMW-1	90.5						
705-40192-16	WAN-AP1-FD-01	93.2						
705-40192-17	WAN-AP1-FD-02	82.6						
705-40192-18	WAN-AP1-FB-07	89.0						
705-40192-19	WAN-AP1-EB-02	92.7						
705-40192-20	WAN-WGWC-12	93.2						
705-40516-1	WAN-WGWC-11	87.5						
705-40516-2	WAN-WGWC-27	82.4						
705-40516-3	WAN-AP1-FB-08	88.5						
705-40516-4	WAN-WGWC-24	91.7						
705-40516-5	WAN-WGWC-22	81.9						
705-40516-6	WAN-AP1-FD-03	90.2						
705-40516-7	WAN-AP1-EB-03	88.3						
705-40516-8	WAN-WGWC-21	90.7						
705-40516-9	WAN-AP1-FB-09	91.2						
705-40516-10	WAN-WGWC-10	93.4						
705-40516-11	WAN-WGWC-23	75.1						
705-40516-11 DU	WAN-WGWC-23	85.3						
705-40516-13	WAN-AP1-FB-14	87.3						
705-40516-14	WAN-WAMW-2	93.6						
705-40516-15	WAN-AP1-FD-08	86.1						
705-40516-16	WAN-WGWC-9	93.6						
LCS 160-732119/2-A	Lab Control Sample	87.8						
LCS 160-732899/2-A	Lab Control Sample	87.5						
LCS 160-734202/2-A	Lab Control Sample	88.3						
LCS 160-734204/2-A	Lab Control Sample	90.5						

Tracer/Carrier Summary

Client: Southern Company
Job ID: 705-39776-2
Project/Site: Plant Wansley Ash Pond

Method: 9315 - Radium-226 (GFPC) (Continued)

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

		Percent Yield (Acceptance Limits)								
		Ba								
Lab Sample ID	Client Sample ID	(30-110)								
MB 160-732119/1-A	Method Blank	86.6								
MB 160-732899/1-A	Method Blank	92.9								
MB 160-734202/1-A	Method Blank	90.5								
MB 160-734204/1-A	Method Blank	87.3								

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)							
380-171565-E-2-A DU	Duplicate	89.3	83.0							
400-281250-A-13-D DU	Duplicate	88.3	80.4							
500-272984-I-1-B DU	Duplicate	86.3	82.2							
705-39776-1	WAN-WGWA-3	89.2	83.4							
705-39776-2	WAN-WGWA-18	85.8	78.5							
705-39776-3	WAN-WGWA-4	88.3	76.3							
705-39776-4	WAN-WGWA-6	84.6	78.1							
705-39776-5	WAN-WGWA-1	91.4	82.2							
705-39776-6	WAN-WGWA-2	91.4	87.5							
705-40192-1	WAN-WGWA-7	89.5	81.1							
705-40192-2	WAN-WGWC-25	87.6	84.5							
705-40192-3	WAN-WGWC-17	94.9	81.5							
705-40192-3 DU	WAN-WGWC-17	87.8	79.6							
705-40192-4	WAN-WGWC-15	91.0	76.3							
705-40192-5	WAN-PZ-31	79.2	74.0							
705-40192-6	WAN-PZ-26D	94.9	83.0							
705-40192-7	WAN-AP1-EB-01	88.5	76.6							
705-40192-8	WAN-WGWC-8	71.6	83.7							
705-40192-9	WAN-WGWC-13	91.7	77.4							
705-40192-10	WAN-WGWC-14A	91.7	80.0							
705-40192-11	WAN-WGWC-16	96.1	83.0							
705-40192-12	WAN-WGWC-19	89.7	82.6							
705-40192-13	WAN-WGWC-20	88.8	76.3							
705-40192-14	WAN-WGWC-28D	79.9	81.5							
705-40192-15	WAN-WAMW-1	90.5	82.6							
705-40192-16	WAN-AP1-FD-01	93.2	77.8							
705-40192-17	WAN-AP1-FD-02	82.6	77.8							
705-40192-18	WAN-AP1-FB-07	87.6	85.6							
705-40192-19	WAN-AP1-EB-02	92.7	82.2							
705-40192-20	WAN-WGWC-12	93.2	78.9							
705-40516-1	WAN-WGWC-11	87.5	79.6							
705-40516-2	WAN-WGWC-27	82.4	78.1							
705-40516-3	WAN-AP1-FB-08	88.5	81.5							
705-40516-4	WAN-WGWC-24	91.7	81.9							
705-40516-5	WAN-WGWC-22	81.9	80.7							
705-40516-6	WAN-AP1-FD-03	90.2	83.0							
705-40516-7	WAN-AP1-EB-03	88.3	81.9							

Tracer/Carrier Summary

Client: Southern Company
Job ID: 705-39776-2
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)
705-40516-8	WAN-WGWC-21	90.7	80.0
705-40516-9	WAN-AP1-FB-09	91.2	82.2
705-40516-10	WAN-WGWC-10	93.4	81.1
705-40516-11	WAN-WGWC-23	75.1	83.0
705-40516-11 DU	WAN-WGWC-23	85.3	81.1
705-40516-13	WAN-AP1-FB-14	87.3	76.3
705-40516-14	WAN-WAMW-2	93.6	81.9
705-40516-15	WAN-AP1-FD-08	86.1	81.1
705-40516-16	WAN-WGWC-9	93.6	84.1
LCS 160-732125/2-A	Lab Control Sample	87.8	88.2
LCS 160-732900/2-A	Lab Control Sample	87.5	80.4
LCS 160-734203/2-A	Lab Control Sample	88.3	81.9
LCS 160-734205/2-A	Lab Control Sample	90.5	81.5
LCS 160-737831/2-A	Lab Control Sample	84.5	83.0
MB 160-732125/1-A	Method Blank	86.6	84.1
MB 160-732900/1-A	Method Blank	92.9	79.6
MB 160-734203/1-A	Method Blank	90.5	81.9
MB 160-734205/1-A	Method Blank	87.3	83.0
MB 160-737831/1-A	Method Blank	86.5	83.0

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method Summary

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

Job ID: 705-39776-2

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

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-732119/1-A
Matrix: Water
Analysis Batch: 735046

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 732119

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.008302	U	0.0478	0.0478	1.00	0.105	pCi/L	08/15/25 08:21	09/08/25 07:55	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110	08/15/25 08:21	09/08/25 07:55	1

Lab Sample ID: LCS 160-732119/2-A
Matrix: Water
Analysis Batch: 735046

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732119

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	9.081		0.975	1.00	0.141	pCi/L	95	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	87.8		30 - 110

Lab Sample ID: 500-272984-I-1-A DU
Matrix: Water
Analysis Batch: 735046

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 732119

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	5.05			5.565		0.650	1.00	0.103	pCi/L			0.41	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	86.3		30 - 110

Lab Sample ID: MB 160-732899/1-A
Matrix: Water
Analysis Batch: 737463

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 732899

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1357	U	0.183	0.183	1.00	0.307	pCi/L	08/21/25 08:22	09/24/25 20:18	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	92.9		30 - 110	08/21/25 08:22	09/24/25 20:18	1

Lab Sample ID: LCS 160-732899/2-A
Matrix: Water
Analysis Batch: 737463

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732899

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	8.772		1.19	1.00	0.320	pCi/L	92	75 - 125		

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-732899/2-A
Matrix: Water
Analysis Batch: 737463

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732899

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	87.5		30 - 110

Lab Sample ID: 705-40192-3 DU
Matrix: Water
Analysis Batch: 737463

Client Sample ID: WAN-WGWC-17
Prep Type: Total/NA
Prep Batch: 732899

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	-0.0330	U		0.1908	U	0.198	1.00	0.312	pCi/L			0.57	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	87.8		30 - 110

Lab Sample ID: MB 160-734202/1-A
Matrix: Water
Analysis Batch: 737285

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734202

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.03104	U	0.156	0.156	1.00	0.304	pCi/L	08/29/25 10:40	09/23/25 22:46	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	90.5		30 - 110	08/29/25 10:40	09/23/25 22:46	1

Lab Sample ID: LCS 160-734202/2-A
Matrix: Water
Analysis Batch: 737285

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734202

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	9.481		1.25	1.00	0.308	pCi/L	99	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	88.3		30 - 110

Lab Sample ID: 400-281250-A-13-B DU
Matrix: Water
Analysis Batch: 737285

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 734202

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.0359	U		-0.02757	U	0.161	1.00	0.340	pCi/L			0.19	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	88.3		30 - 110

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: MB 160-734204/1-A
Matrix: Water
Analysis Batch: 737464

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734204

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.002168	U	0.198	0.198	1.00	0.392	pCi/L	08/29/25 10:46	09/24/25 18:18	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	87.3		30 - 110	08/29/25 10:46	09/24/25 18:18	1

Lab Sample ID: LCS 160-734204/2-A
Matrix: Water
Analysis Batch: 737464

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734204

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	10.15		1.32	1.00	0.342	pCi/L	106	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	90.5		30 - 110

Lab Sample ID: 705-40516-11 DU
Matrix: Water
Analysis Batch: 737464

Client Sample ID: WAN-WGWC-23
Prep Type: Total/NA
Prep Batch: 734204

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.548			0.1929	U	0.202	1.00	0.317	pCi/L			0.69	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	85.3		30 - 110

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-732125/1-A
Matrix: Water
Analysis Batch: 734027

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 732125

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.8413		0.407	0.414	1.00	0.560	pCi/L	08/15/25 08:35	08/28/25 11:57	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110	08/15/25 08:35	08/28/25 11:57	1
Y Carrier	84.1		30 - 110	08/15/25 08:35	08/28/25 11:57	1

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

Lab Sample ID: LCS 160-732125/2-A
Matrix: Water
Analysis Batch: 734027

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732125

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.12	10.50		1.38	1.00	0.467	pCi/L	115	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*87.8*		*30 - 110*
Y Carrier	*88.2*		*30 - 110*

Lab Sample ID: 500-272984-I-1-B DU
Matrix: Water
Analysis Batch: 734027

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 732125

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	1.72			2.111		0.570	1.00	0.565	pCi/L			0.36	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*86.3*		*30 - 110*
Y Carrier	*82.2*		*30 - 110*

Lab Sample ID: MB 160-732900/1-A
Matrix: Water
Analysis Batch: 737463

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 732900

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.944		0.753	0.800	1.00	0.810	pCi/L	08/21/25 08:28	09/24/25 15:17	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.9*		*30 - 110*	*08/21/25 08:28*	*09/24/25 15:17*	*1*
Y Carrier	*79.6*		*30 - 110*	*08/21/25 08:28*	*09/24/25 15:17*	*1*

Lab Sample ID: LCS 160-732900/2-A
Matrix: Water
Analysis Batch: 737464

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732900

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.04	11.27		1.48	1.00	0.584	pCi/L	125	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*87.5*		*30 - 110*
Y Carrier	*80.4*		*30 - 110*

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

Lab Sample ID: 705-40192-3 DU
Matrix: Water
Analysis Batch: 737464

Client Sample ID: WAN-WGWC-17
Prep Type: Total/NA
Prep Batch: 732900

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.648			1.186		0.456	1.00	0.551	pCi/L			0.67	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	87.8		30 - 110
Y Carrier	79.6		30 - 110

Lab Sample ID: MB 160-734203/1-A
Matrix: Water
Analysis Batch: 737286

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734203

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.1822	U	0.299	0.300	1.00	0.512	pCi/L	08/29/25 10:45	09/23/25 11:58	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	90.5		30 - 110	08/29/25 10:45	09/23/25 11:58	1
Y Carrier	81.9		30 - 110	08/29/25 10:45	09/23/25 11:58	1

Lab Sample ID: LCS 160-734203/2-A
Matrix: Water
Analysis Batch: 737286

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734203

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.04	10.21		1.37	1.00	0.537	pCi/L	113	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	88.3		30 - 110
Y Carrier	81.9		30 - 110

Lab Sample ID: 400-281250-A-13-D DU
Matrix: Water
Analysis Batch: 737286

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 734203

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.227	U		0.4534	U	0.369	1.00	0.570	pCi/L			0.32	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	88.3		30 - 110
Y Carrier	80.4		30 - 110

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

Lab Sample ID: MB 160-734205/1-A
Matrix: Water
Analysis Batch: 737463

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734205

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3066	U	0.347	0.348	1.00	0.568	pCi/L	08/29/25 10:55	09/24/25 11:56	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.3*		*30 - 110*	*08/29/25 10:55*	*09/24/25 11:56*	*1*
Y Carrier	*83.0*		*30 - 110*	*08/29/25 10:55*	*09/24/25 11:56*	*1*

Lab Sample ID: LCS 160-734205/2-A
Matrix: Water
Analysis Batch: 737463

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734205

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.04	9.687		1.32	1.00	0.503	pCi/L	107	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*90.5*		*30 - 110*
Y Carrier	*81.5*		*30 - 110*

Lab Sample ID: 705-40516-11 DU
Matrix: Water
Analysis Batch: 737463

Client Sample ID: WAN-WGWC-23
Prep Type: Total/NA
Prep Batch: 734205

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	1.19			0.5202	U	0.389	1.00	0.590	pCi/L			0.74	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*85.3*		*30 - 110*
Y Carrier	*81.1*		*30 - 110*

Lab Sample ID: MB 160-737831/1-A
Matrix: Water
Analysis Batch: 739145

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 737831

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.9169		0.432	0.440	1.00	0.597	pCi/L	09/26/25 06:45	10/05/25 10:45	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.5*		*30 - 110*	*09/26/25 06:45*	*10/05/25 10:45*	*1*
Y Carrier	*83.0*		*30 - 110*	*09/26/25 06:45*	*10/05/25 10:45*	*1*

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

Lab Sample ID: LCS 160-737831/2-A
Matrix: Water
Analysis Batch: 739145

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 737831

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.04	9.291		1.30	1.00	0.562	pCi/L	116	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*84.5*		*30 - 110*
Y Carrier	*83.0*		*30 - 110*

Lab Sample ID: 380-171565-E-2-A DU
Matrix: Water
Analysis Batch: 739145

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 737831

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.467	U		0.5062	U	0.407	1.00	0.633	pCi/L			0.05	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*89.3*		*30 - 110*
Y Carrier	*83.0*		*30 - 110*

Rad

Prep Batch: 732119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-39776-1	WAN-WGWA-3	Total/NA	Water	PrecSep-21	
705-39776-2	WAN-WGWA-18	Total/NA	Water	PrecSep-21	
705-39776-3	WAN-WGWA-4	Total/NA	Water	PrecSep-21	
705-39776-4	WAN-WGWA-6	Total/NA	Water	PrecSep-21	
705-39776-5	WAN-WGWA-1	Total/NA	Water	PrecSep-21	
705-39776-6	WAN-WGWA-2	Total/NA	Water	PrecSep-21	
MB 160-732119/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-732119/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-272984-I-1-A DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 732125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-39776-1	WAN-WGWA-3	Total/NA	Water	PrecSep_0	
705-39776-2	WAN-WGWA-18	Total/NA	Water	PrecSep_0	
705-39776-3	WAN-WGWA-4	Total/NA	Water	PrecSep_0	
705-39776-4	WAN-WGWA-6	Total/NA	Water	PrecSep_0	
705-39776-5	WAN-WGWA-1	Total/NA	Water	PrecSep_0	
705-39776-6	WAN-WGWA-2	Total/NA	Water	PrecSep_0	
MB 160-732125/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-732125/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-272984-I-1-B DU	Duplicate	Total/NA	Water	PrecSep_0	

Prep Batch: 732899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40192-1	WAN-WGWA-7	Total/NA	Water	PrecSep-21	
705-40192-2	WAN-WGWC-25	Total/NA	Water	PrecSep-21	
705-40192-3	WAN-WGWC-17	Total/NA	Water	PrecSep-21	
705-40192-4	WAN-WGWC-15	Total/NA	Water	PrecSep-21	
705-40192-5	WAN-PZ-31	Total/NA	Water	PrecSep-21	
705-40192-6	WAN-PZ-26D	Total/NA	Water	PrecSep-21	
705-40192-7	WAN-AP1-EB-01	Total/NA	Water	PrecSep-21	
705-40192-8	WAN-WGWC-8	Total/NA	Water	PrecSep-21	
705-40192-9	WAN-WGWC-13	Total/NA	Water	PrecSep-21	
705-40192-10	WAN-WGWC-14A	Total/NA	Water	PrecSep-21	
705-40192-11	WAN-WGWC-16	Total/NA	Water	PrecSep-21	
705-40192-12	WAN-WGWC-19	Total/NA	Water	PrecSep-21	
705-40192-13	WAN-WGWC-20	Total/NA	Water	PrecSep-21	
705-40192-14	WAN-WGWC-28D	Total/NA	Water	PrecSep-21	
705-40192-15	WAN-WAMW-1	Total/NA	Water	PrecSep-21	
705-40192-16	WAN-AP1-FD-01	Total/NA	Water	PrecSep-21	
705-40192-17	WAN-AP1-FD-02	Total/NA	Water	PrecSep-21	
705-40192-18	WAN-AP1-FB-07	Total/NA	Water	PrecSep-21	
705-40192-19	WAN-AP1-EB-02	Total/NA	Water	PrecSep-21	
705-40192-20	WAN-WGWC-12	Total/NA	Water	PrecSep-21	
MB 160-732899/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-732899/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
705-40192-3 DU	WAN-WGWC-17	Total/NA	Water	PrecSep-21	

Prep Batch: 732900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40192-1	WAN-WGWA-7	Total/NA	Water	PrecSep_0	

Rad (Continued)

Prep Batch: 732900 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40192-3	WAN-WGWC-17	Total/NA	Water	PrecSep_0	
705-40192-4	WAN-WGWC-15	Total/NA	Water	PrecSep_0	
705-40192-5	WAN-PZ-31	Total/NA	Water	PrecSep_0	
705-40192-6	WAN-PZ-26D	Total/NA	Water	PrecSep_0	
705-40192-7	WAN-AP1-EB-01	Total/NA	Water	PrecSep_0	
705-40192-9	WAN-WGWC-13	Total/NA	Water	PrecSep_0	
705-40192-10	WAN-WGWC-14A	Total/NA	Water	PrecSep_0	
705-40192-11	WAN-WGWC-16	Total/NA	Water	PrecSep_0	
705-40192-12	WAN-WGWC-19	Total/NA	Water	PrecSep_0	
705-40192-13	WAN-WGWC-20	Total/NA	Water	PrecSep_0	
705-40192-15	WAN-WAMW-1	Total/NA	Water	PrecSep_0	
705-40192-16	WAN-AP1-FD-01	Total/NA	Water	PrecSep_0	
705-40192-17	WAN-AP1-FD-02	Total/NA	Water	PrecSep_0	
705-40192-19	WAN-AP1-EB-02	Total/NA	Water	PrecSep_0	
705-40192-20	WAN-WGWC-12	Total/NA	Water	PrecSep_0	
MB 160-732900/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-732900/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
705-40192-3 DU	WAN-WGWC-17	Total/NA	Water	PrecSep_0	

Prep Batch: 734202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40516-1	WAN-WGWC-11	Total/NA	Water	PrecSep-21	
705-40516-2	WAN-WGWC-27	Total/NA	Water	PrecSep-21	
705-40516-3	WAN-AP1-FB-08	Total/NA	Water	PrecSep-21	
705-40516-4	WAN-WGWC-24	Total/NA	Water	PrecSep-21	
705-40516-5	WAN-WGWC-22	Total/NA	Water	PrecSep-21	
705-40516-6	WAN-AP1-FD-03	Total/NA	Water	PrecSep-21	
705-40516-7	WAN-AP1-EB-03	Total/NA	Water	PrecSep-21	
705-40516-8	WAN-WGWC-21	Total/NA	Water	PrecSep-21	
705-40516-9	WAN-AP1-FB-09	Total/NA	Water	PrecSep-21	
705-40516-10	WAN-WGWC-10	Total/NA	Water	PrecSep-21	
MB 160-734202/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-734202/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
400-281250-A-13-B DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 734203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40516-1	WAN-WGWC-11	Total/NA	Water	PrecSep_0	
705-40516-2	WAN-WGWC-27	Total/NA	Water	PrecSep_0	
705-40516-3	WAN-AP1-FB-08	Total/NA	Water	PrecSep_0	
705-40516-4	WAN-WGWC-24	Total/NA	Water	PrecSep_0	
705-40516-5	WAN-WGWC-22	Total/NA	Water	PrecSep_0	
705-40516-6	WAN-AP1-FD-03	Total/NA	Water	PrecSep_0	
705-40516-7	WAN-AP1-EB-03	Total/NA	Water	PrecSep_0	
705-40516-8	WAN-WGWC-21	Total/NA	Water	PrecSep_0	
705-40516-9	WAN-AP1-FB-09	Total/NA	Water	PrecSep_0	
705-40516-10	WAN-WGWC-10	Total/NA	Water	PrecSep_0	
MB 160-734203/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-734203/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
400-281250-A-13-D DU	Duplicate	Total/NA	Water	PrecSep_0	

Rad

Prep Batch: 734204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40516-11	WAN-WGWC-23	Total/NA	Water	PrecSep-21	
705-40516-13	WAN-AP1-FB-14	Total/NA	Water	PrecSep-21	
705-40516-14	WAN-WAMW-2	Total/NA	Water	PrecSep-21	
705-40516-15	WAN-AP1-FD-08	Total/NA	Water	PrecSep-21	
705-40516-16	WAN-WGWC-9	Total/NA	Water	PrecSep-21	
MB 160-734204/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-734204/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
705-40516-11 DU	WAN-WGWC-23	Total/NA	Water	PrecSep-21	

Prep Batch: 734205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40516-11	WAN-WGWC-23	Total/NA	Water	PrecSep_0	
705-40516-13	WAN-AP1-FB-14	Total/NA	Water	PrecSep_0	
705-40516-14	WAN-WAMW-2	Total/NA	Water	PrecSep_0	
705-40516-15	WAN-AP1-FD-08	Total/NA	Water	PrecSep_0	
705-40516-16	WAN-WGWC-9	Total/NA	Water	PrecSep_0	
MB 160-734205/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-734205/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
705-40516-11 DU	WAN-WGWC-23	Total/NA	Water	PrecSep_0	

Prep Batch: 737831

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40192-2	WAN-WGWC-25	Total/NA	Water	PrecSep_0	
705-40192-8	WAN-WGWC-8	Total/NA	Water	PrecSep_0	
705-40192-14	WAN-WGWC-28D	Total/NA	Water	PrecSep_0	
705-40192-18	WAN-AP1-FB-07	Total/NA	Water	PrecSep_0	
MB 160-737831/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-737831/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
380-171565-E-2-A DU	Duplicate	Total/NA	Water	PrecSep_0	

Lab Chronicle

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

Job ID: 705-39776-2

Client Sample ID: WAN-WGWA-3

Lab Sample ID: 705-39776-1

Date Collected: 08/12/25 09:50
Matrix: Water
Date Received: 08/13/25 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732119	JTR	EET SL	08/15/25 08:21
Total/NA	Analysis	9315		1	735046	FLC	EET SL	09/08/25 07:57
Total/NA	Prep	PrecSep_0			732125	JTR	EET SL	08/15/25 08:35
Total/NA	Analysis	9320		1	734027	SWS	EET SL	08/28/25 11:58
Total/NA	Analysis	Ra226_Ra228		1	735331	SCB	EET SL	09/09/25 14:46

Client Sample ID: WAN-WGWA-18

Lab Sample ID: 705-39776-2

Date Collected: 08/12/25 10:32
Matrix: Water
Date Received: 08/13/25 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732119	JTR	EET SL	08/15/25 08:21
Total/NA	Analysis	9315		1	735046	FLC	EET SL	09/08/25 07:57
Total/NA	Prep	PrecSep_0			732125	JTR	EET SL	08/15/25 08:35
Total/NA	Analysis	9320		1	734027	SWS	EET SL	08/28/25 11:58
Total/NA	Analysis	Ra226_Ra228		1	735331	SCB	EET SL	09/09/25 14:46

Client Sample ID: WAN-WGWA-4

Lab Sample ID: 705-39776-3

Date Collected: 08/12/25 11:15
Matrix: Water
Date Received: 08/13/25 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732119	JTR	EET SL	08/15/25 08:21
Total/NA	Analysis	9315		1	735046	FLC	EET SL	09/08/25 07:57
Total/NA	Prep	PrecSep_0			732125	JTR	EET SL	08/15/25 08:35
Total/NA	Analysis	9320		1	734027	SWS	EET SL	08/28/25 11:58
Total/NA	Analysis	Ra226_Ra228		1	735331	SCB	EET SL	09/09/25 14:46

Client Sample ID: WAN-WGWA-6

Lab Sample ID: 705-39776-4

Date Collected: 08/12/25 13:35
Matrix: Water
Date Received: 08/13/25 15:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732119	JTR	EET SL	08/15/25 08:21
Total/NA	Analysis	9315		1	735047	SWS	EET SL	09/08/25 07:55
Total/NA	Prep	PrecSep_0			732125	JTR	EET SL	08/15/25 08:35
Total/NA	Analysis	9320		1	734027	SWS	EET SL	08/28/25 11:58
Total/NA	Analysis	Ra226_Ra228		1	735331	SCB	EET SL	09/09/25 14:46

Lab Chronicle

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

Job ID: 705-39776-2

Client Sample ID: WAN-WGWA-1

Lab Sample ID: 705-39776-5

Date Collected: 08/12/25 15:30
Date Received: 08/13/25 15:20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732119	JTR	EET SL	08/15/25 08:21
Total/NA	Analysis	9315		1	735047	SWS	EET SL	09/08/25 07:55
Total/NA	Prep	PrecSep_0			732125	JTR	EET SL	08/15/25 08:35
Total/NA	Analysis	9320		1	734027	SWS	EET SL	08/28/25 11:58
Total/NA	Analysis	Ra226_Ra228		1	735331	SCB	EET SL	09/09/25 14:46

Client Sample ID: WAN-WGWA-2

Lab Sample ID: 705-39776-6

Date Collected: 08/12/25 12:50
Date Received: 08/13/25 15:20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732119	JTR	EET SL	08/15/25 08:21
Total/NA	Analysis	9315		1	735047	SWS	EET SL	09/08/25 07:55
Total/NA	Prep	PrecSep_0			732125	JTR	EET SL	08/15/25 08:35
Total/NA	Analysis	9320		1	734027	SWS	EET SL	08/28/25 11:58
Total/NA	Analysis	Ra226_Ra228		1	735331	SCB	EET SL	09/09/25 14:46

Client Sample ID: WAN-WGWA-7

Lab Sample ID: 705-40192-1

Date Collected: 08/13/25 10:00
Date Received: 08/15/25 16:02

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732899	JTR	EET SL	08/21/25 08:22
Total/NA	Analysis	9315		1	737463	SWS	EET SL	09/24/25 20:18
Total/NA	Prep	PrecSep_0			732900	JTR	EET SL	08/21/25 08:28
Total/NA	Analysis	9320		1	737464	SCB	EET SL	09/24/25 11:51
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Client Sample ID: WAN-WGWC-25

Lab Sample ID: 705-40192-2

Date Collected: 08/13/25 11:45
Date Received: 08/15/25 16:02

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732899	JTR	EET SL	08/21/25 08:22
Total/NA	Analysis	9315		1	737463	SWS	EET SL	09/24/25 20:18
Total/NA	Prep	PrecSep_0			737831	MLT	EET SL	09/26/25 06:45
Total/NA	Analysis	9320		1	739145	SWS	EET SL	10/05/25 10:45
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Lab Chronicle

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

Job ID: 705-39776-2

Client Sample ID: WAN-WGWC-17

Lab Sample ID: 705-40192-3

Date Collected: 08/13/25 12:20
Matrix: Water
Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732899	JTR	EET SL	08/21/25 08:24
Total/NA	Analysis	9315		1	737463	SWS	EET SL	09/24/25 20:18
Total/NA	Prep	PrecSep_0			732900	JTR	EET SL	08/21/25 08:28
Total/NA	Analysis	9320		1	737464	SCB	EET SL	09/24/25 11:51
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Client Sample ID: WAN-WGWC-15

Lab Sample ID: 705-40192-4

Date Collected: 08/13/25 14:05
Matrix: Water
Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732899	JTR	EET SL	08/21/25 08:24
Total/NA	Analysis	9315		1	737463	SWS	EET SL	09/24/25 20:19
Total/NA	Prep	PrecSep_0			732900	JTR	EET SL	08/21/25 08:28
Total/NA	Analysis	9320		1	737464	SCB	EET SL	09/24/25 11:52
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Client Sample ID: WAN-PZ-31

Lab Sample ID: 705-40192-5

Date Collected: 08/13/25 14:10
Matrix: Water
Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732899	JTR	EET SL	08/21/25 08:24
Total/NA	Analysis	9315		1	737463	SWS	EET SL	09/24/25 20:19
Total/NA	Prep	PrecSep_0			732900	JTR	EET SL	08/21/25 08:28
Total/NA	Analysis	9320		1	737463	SWS	EET SL	09/24/25 15:17
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Client Sample ID: WAN-PZ-26D

Lab Sample ID: 705-40192-6

Date Collected: 08/13/25 16:00
Matrix: Water
Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732899	JTR	EET SL	08/21/25 08:24
Total/NA	Analysis	9315		1	737463	SWS	EET SL	09/24/25 20:19
Total/NA	Prep	PrecSep_0			732900	JTR	EET SL	08/21/25 08:28
Total/NA	Analysis	9320		1	737463	SWS	EET SL	09/24/25 15:17
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Lab Chronicle

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

Job ID: 705-39776-2

Client Sample ID: WAN-AP1-EB-01

Lab Sample ID: 705-40192-7

Date Collected: 08/13/25 16:30
Matrix: Water
Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732899	JTR	EET SL	08/21/25 08:24
Total/NA	Analysis	9315		1	737463	SWS	EET SL	09/24/25 20:19
Total/NA	Prep	PrecSep_0			732900	JTR	EET SL	08/21/25 08:28
Total/NA	Analysis	9320		1	737464	SCB	EET SL	09/24/25 11:52
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Client Sample ID: WAN-WGWC-8

Lab Sample ID: 705-40192-8

Date Collected: 08/14/25 15:23
Matrix: Water
Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732899	JTR	EET SL	08/21/25 08:24
Total/NA	Analysis	9315		1	737463	SWS	EET SL	09/24/25 20:19
Total/NA	Prep	PrecSep_0			737831	MLT	EET SL	09/26/25 06:45
Total/NA	Analysis	9320		1	739145	SWS	EET SL	10/05/25 10:45
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Client Sample ID: WAN-WGWC-13

Lab Sample ID: 705-40192-9

Date Collected: 08/14/25 10:00
Matrix: Water
Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732899	JTR	EET SL	08/21/25 08:24
Total/NA	Analysis	9315		1	737464	SCB	EET SL	09/24/25 20:19
Total/NA	Prep	PrecSep_0			732900	JTR	EET SL	08/21/25 08:28
Total/NA	Analysis	9320		1	737464	SCB	EET SL	09/24/25 11:52
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Client Sample ID: WAN-WGWC-14A

Lab Sample ID: 705-40192-10

Date Collected: 08/14/25 14:20
Matrix: Water
Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732899	JTR	EET SL	08/21/25 08:24
Total/NA	Analysis	9315		1	737464	SCB	EET SL	09/24/25 20:19
Total/NA	Prep	PrecSep_0			732900	JTR	EET SL	08/21/25 08:28
Total/NA	Analysis	9320		1	737463	SWS	EET SL	09/24/25 15:18
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Lab Chronicle

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

Job ID: 705-39776-2

Client Sample ID: WAN-WGWC-16

Lab Sample ID: 705-40192-11

Date Collected: 08/14/25 09:38
Matrix: Water
Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732899	JTR	EET SL	08/21/25 08:24
Total/NA	Analysis	9315		1	737464	SCB	EET SL	09/24/25 20:19
Total/NA	Prep	PrecSep_0			732900	JTR	EET SL	08/21/25 08:28
Total/NA	Analysis	9320		1	737463	SWS	EET SL	09/24/25 15:18
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Client Sample ID: WAN-WGWC-19

Lab Sample ID: 705-40192-12

Date Collected: 08/14/25 16:44
Matrix: Water
Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732899	JTR	EET SL	08/21/25 08:24
Total/NA	Analysis	9315		1	737464	SCB	EET SL	09/24/25 20:19
Total/NA	Prep	PrecSep_0			732900	JTR	EET SL	08/21/25 08:28
Total/NA	Analysis	9320		1	737449	SCB	EET SL	09/24/25 11:46
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Client Sample ID: WAN-WGWC-20

Lab Sample ID: 705-40192-13

Date Collected: 08/14/25 11:00
Matrix: Water
Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732899	JTR	EET SL	08/21/25 08:24
Total/NA	Analysis	9315		1	737464	SCB	EET SL	09/24/25 20:19
Total/NA	Prep	PrecSep_0			732900	JTR	EET SL	08/21/25 08:28
Total/NA	Analysis	9320		1	737463	SWS	EET SL	09/24/25 15:18
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Client Sample ID: WAN-WGWC-28D

Lab Sample ID: 705-40192-14

Date Collected: 08/14/25 12:36
Matrix: Water
Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732899	JTR	EET SL	08/21/25 08:24
Total/NA	Analysis	9315		1	737464	SCB	EET SL	09/24/25 20:19
Total/NA	Prep	PrecSep_0			737831	MLT	EET SL	09/26/25 06:45
Total/NA	Analysis	9320		1	739145	SWS	EET SL	10/05/25 10:45
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Lab Chronicle

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

Job ID: 705-39776-2

Client Sample ID: WAN-WAMW-1

Lab Sample ID: 705-40192-15

Date Collected: 08/14/25 16:25
Matrix: Water
Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732899	JTR	EET SL	08/21/25 08:24
Total/NA	Analysis	9315		1	737464	SCB	EET SL	09/24/25 20:19
Total/NA	Prep	PrecSep_0			732900	JTR	EET SL	08/21/25 08:28
Total/NA	Analysis	9320		1	737449	SCB	EET SL	09/24/25 11:46
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Client Sample ID: WAN-AP1-FD-01

Lab Sample ID: 705-40192-16

Date Collected: 08/14/25 00:00
Matrix: Water
Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732899	JTR	EET SL	08/21/25 08:24
Total/NA	Analysis	9315		1	737449	SCB	EET SL	09/24/25 20:19
Total/NA	Prep	PrecSep_0			732900	JTR	EET SL	08/21/25 08:28
Total/NA	Analysis	9320		1	737463	SWS	EET SL	09/24/25 15:18
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Client Sample ID: WAN-AP1-FD-02

Lab Sample ID: 705-40192-17

Date Collected: 08/14/25 00:00
Matrix: Water
Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732899	JTR	EET SL	08/21/25 08:24
Total/NA	Analysis	9315		1	737449	SCB	EET SL	09/24/25 20:20
Total/NA	Prep	PrecSep_0			732900	JTR	EET SL	08/21/25 08:28
Total/NA	Analysis	9320		1	737463	SWS	EET SL	09/24/25 15:18
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Client Sample ID: WAN-AP1-FB-07

Lab Sample ID: 705-40192-18

Date Collected: 08/14/25 10:40
Matrix: Water
Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732899	JTR	EET SL	08/21/25 08:24
Total/NA	Analysis	9315		1	737449	SCB	EET SL	09/24/25 20:20
Total/NA	Prep	PrecSep_0			737831	MLT	EET SL	09/26/25 06:45
Total/NA	Analysis	9320		1	739145	SWS	EET SL	10/05/25 10:45
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Lab Chronicle

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

Job ID: 705-39776-2

Client Sample ID: WAN-AP1-EB-02

Lab Sample ID: 705-40192-19

Date Collected: 08/14/25 13:00
Matrix: Water
Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732899	JTR	EET SL	08/21/25 08:24
Total/NA	Analysis	9315		1	737449	SCB	EET SL	09/24/25 20:20
Total/NA	Prep	PrecSep_0			732900	JTR	EET SL	08/21/25 08:28
Total/NA	Analysis	9320		1	737463	SWS	EET SL	09/24/25 15:19
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Client Sample ID: WAN-WGWC-12

Lab Sample ID: 705-40192-20

Date Collected: 08/15/25 12:09
Matrix: Water
Date Received: 08/15/25 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			732899	JTR	EET SL	08/21/25 08:24
Total/NA	Analysis	9315		1	737449	SCB	EET SL	09/24/25 20:20
Total/NA	Prep	PrecSep_0			732900	JTR	EET SL	08/21/25 08:28
Total/NA	Analysis	9320		1	737463	SWS	EET SL	09/24/25 15:19
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Client Sample ID: WAN-WGWC-11

Lab Sample ID: 705-40516-1

Date Collected: 08/18/25 12:09
Matrix: Water
Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734202	JTR	EET SL	08/29/25 10:40
Total/NA	Analysis	9315		1	737286	SWS	EET SL	09/23/25 22:48
Total/NA	Prep	PrecSep_0			734203	JTR	EET SL	08/29/25 10:45
Total/NA	Analysis	9320		1	737270	SWS	EET SL	09/23/25 11:59
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Client Sample ID: WAN-WGWC-27

Lab Sample ID: 705-40516-2

Date Collected: 08/18/25 15:17
Matrix: Water
Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734202	JTR	EET SL	08/29/25 10:40
Total/NA	Analysis	9315		1	737286	SWS	EET SL	09/23/25 22:48
Total/NA	Prep	PrecSep_0			734203	JTR	EET SL	08/29/25 10:45
Total/NA	Analysis	9320		1	737270	SWS	EET SL	09/23/25 11:59
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Lab Chronicle

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

Job ID: 705-39776-2

Client Sample ID: WAN-AP1-FB-08

Lab Sample ID: 705-40516-3

Date Collected: 08/18/25 12:40

Matrix: Water

Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734202	JTR	EET SL	08/29/25 10:40
Total/NA	Analysis	9315		1	737463	SWS	EET SL	09/24/25 07:29
Total/NA	Prep	PrecSep_0			734203	JTR	EET SL	08/29/25 10:45
Total/NA	Analysis	9320		1	737270	SWS	EET SL	09/23/25 11:59
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Client Sample ID: WAN-WGWC-24

Lab Sample ID: 705-40516-4

Date Collected: 08/18/25 16:02

Matrix: Water

Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734202	JTR	EET SL	08/29/25 10:40
Total/NA	Analysis	9315		1	737463	SWS	EET SL	09/24/25 07:29
Total/NA	Prep	PrecSep_0			734203	JTR	EET SL	08/29/25 10:45
Total/NA	Analysis	9320		1	737270	SWS	EET SL	09/23/25 11:59
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Client Sample ID: WAN-WGWC-22

Lab Sample ID: 705-40516-5

Date Collected: 08/18/25 16:49

Matrix: Water

Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734202	JTR	EET SL	08/29/25 10:40
Total/NA	Analysis	9315		1	737463	SWS	EET SL	09/24/25 07:29
Total/NA	Prep	PrecSep_0			734203	JTR	EET SL	08/29/25 10:45
Total/NA	Analysis	9320		1	737270	SWS	EET SL	09/23/25 11:59
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Client Sample ID: WAN-AP1-FD-03

Lab Sample ID: 705-40516-6

Date Collected: 08/18/25 00:00

Matrix: Water

Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734202	JTR	EET SL	08/29/25 10:40
Total/NA	Analysis	9315		1	737463	SWS	EET SL	09/24/25 07:29
Total/NA	Prep	PrecSep_0			734203	JTR	EET SL	08/29/25 10:45
Total/NA	Analysis	9320		1	737270	SWS	EET SL	09/23/25 12:00
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Lab Chronicle

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

Job ID: 705-39776-2

Client Sample ID: WAN-AP1-EB-03

Lab Sample ID: 705-40516-7

Date Collected: 08/18/25 16:45
Matrix: Water
Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734202	JTR	EET SL	08/29/25 10:40
Total/NA	Analysis	9315		1	737463	SWS	EET SL	09/24/25 09:13
Total/NA	Prep	PrecSep_0			734203	JTR	EET SL	08/29/25 10:45
Total/NA	Analysis	9320		1	737270	SWS	EET SL	09/23/25 12:00
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Client Sample ID: WAN-WGWC-21

Lab Sample ID: 705-40516-8

Date Collected: 08/19/25 10:31
Matrix: Water
Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734202	JTR	EET SL	08/29/25 10:40
Total/NA	Analysis	9315		1	737463	SWS	EET SL	09/24/25 09:13
Total/NA	Prep	PrecSep_0			734203	JTR	EET SL	08/29/25 10:45
Total/NA	Analysis	9320		1	737270	SWS	EET SL	09/23/25 12:00
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Client Sample ID: WAN-AP1-FB-09

Lab Sample ID: 705-40516-9

Date Collected: 08/19/25 11:00
Matrix: Water
Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734202	JTR	EET SL	08/29/25 10:40
Total/NA	Analysis	9315		1	737463	SWS	EET SL	09/24/25 09:13
Total/NA	Prep	PrecSep_0			734203	JTR	EET SL	08/29/25 10:45
Total/NA	Analysis	9320		1	737270	SWS	EET SL	09/23/25 12:00
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Client Sample ID: WAN-WGWC-10

Lab Sample ID: 705-40516-10

Date Collected: 08/19/25 14:02
Matrix: Water
Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734202	JTR	EET SL	08/29/25 10:40
Total/NA	Analysis	9315		1	737463	SWS	EET SL	09/24/25 09:13
Total/NA	Prep	PrecSep_0			734203	JTR	EET SL	08/29/25 10:45
Total/NA	Analysis	9320		1	737270	SWS	EET SL	09/23/25 12:00
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Lab Chronicle

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

Job ID: 705-39776-2

Client Sample ID: WAN-WGWC-23

Lab Sample ID: 705-40516-11

Date Collected: 08/19/25 15:49
Matrix: Water
Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734204	JTR	EET SL	08/29/25 10:46
Total/NA	Analysis	9315		1	737464	SCB	EET SL	09/24/25 18:18
Total/NA	Prep	PrecSep_0			734205	JTR	EET SL	08/29/25 10:55
Total/NA	Analysis	9320		1	737463	SWS	EET SL	09/24/25 11:57
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Client Sample ID: WAN-AP1-FB-14

Lab Sample ID: 705-40516-13

Date Collected: 08/19/25 16:35
Matrix: Water
Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734204	JTR	EET SL	08/29/25 10:46
Total/NA	Analysis	9315		1	737464	SCB	EET SL	09/24/25 18:18
Total/NA	Prep	PrecSep_0			734205	JTR	EET SL	08/29/25 10:55
Total/NA	Analysis	9320		1	737463	SWS	EET SL	09/24/25 11:57
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Client Sample ID: WAN-WAMW-2

Lab Sample ID: 705-40516-14

Date Collected: 08/19/25 15:52
Matrix: Water
Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734204	JTR	EET SL	08/29/25 10:46
Total/NA	Analysis	9315		1	737464	SCB	EET SL	09/24/25 18:18
Total/NA	Prep	PrecSep_0			734205	JTR	EET SL	08/29/25 10:55
Total/NA	Analysis	9320		1	737463	SWS	EET SL	09/24/25 11:57
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Client Sample ID: WAN-AP1-FD-08

Lab Sample ID: 705-40516-15

Date Collected: 08/19/25 00:00
Matrix: Water
Date Received: 08/20/25 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734204	JTR	EET SL	08/29/25 10:46
Total/NA	Analysis	9315		1	737463	SWS	EET SL	09/24/25 18:25
Total/NA	Prep	PrecSep_0			734205	JTR	EET SL	08/29/25 10:55
Total/NA	Analysis	9320		1	737463	SWS	EET SL	09/24/25 11:57
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

Lab Chronicle

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

Job ID: 705-39776-2

Client Sample ID: WAN-WGWC-9

Date Collected: 08/19/25 17:04
Date Received: 08/20/25 09:40

Lab Sample ID: 705-40516-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734204	JTR	EET SL	08/29/25 10:46
Total/NA	Analysis	9315		1	737463	SWS	EET SL	09/24/25 18:25
Total/NA	Prep	PrecSep_0			734205	JTR	EET SL	08/29/25 10:55
Total/NA	Analysis	9320		1	737463	SWS	EET SL	09/24/25 11:57
Total/NA	Analysis	Ra226_Ra228		1	739376	EMH	EET SL	10/06/25 13:34

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: 705-39776-2
Project/Site: Plant Wansley Ash Pond

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 9/15/2025 2:43:36 PM

JOB DESCRIPTION

Plant Wansley Ash Pond

JOB NUMBER

705-40813-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

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

Authorization



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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: 705-40813-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-40813-1	WAN-PZ-23D	Water	08/20/25 09:39	08/22/25 10:33	Georgia
705-40813-2	WAN-AP1-EB-08	Water	08/20/25 10:05	08/22/25 10:33	Georgia

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: T. Goble / H. Auld (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
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 1~~ HA	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Task_Code: WAN-CCR-OTH-2025 0820

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- PZ-32D TG	TG 08/19/25	TG 1418	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	TG ✓	
WAN- PZ-23D	08/20/25	0939	G	WG	N	N	✓	✓	✓		✓					3
WAN- API-EB-08	08/20/25	1005	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										

705-40813 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
1	[signature]	8-22-25/1033	ACC	[signature]	8.22.25 10:33	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Cooler Temperature(s) °C and Other Remarks: CL # 2665 3.1 2.0 1.9 1.7

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-40813-1

Login Number: 40813

List Source: Eurofins Atlanta

List Number: 1

Creator: Gay, Dalton

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
Job ID: 705-40813-1
Project/Site: Plant Wansley Ash Pond

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
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
705-40813-1

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 10:33 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 3.1°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: 705-40813-1

Client Sample ID: WAN-PZ-23D — Lab Sample ID: 705-40813-1

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	2.5		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	40		5.0	3.8	mg/L	5		300.0	Total/NA
Boron	0.35		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	35		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.074		0.020	0.0037	mg/L	1		6010D	Total/NA
Total Dissolved Solids	220		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-EB-08 — Lab Sample ID: 705-40813-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.14	J	0.20	0.081	mg/L	1		300.0	Total/NA
Barium	0.00061	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

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

Job ID: 705-40813-1

Client Sample ID: WAN-PZ-23D

Lab Sample ID: 705-40813-1

Date Collected: 08/20/25 09:39

Matrix: Water

Date Received: 08/22/25 10:33

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			08/30/25 17:49	1
Fluoride	**2.5**		0.20	0.081	mg/L			08/30/25 17:49	1
Sulfate	**40**		5.0	3.8	mg/L			09/03/25 14:13	5

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.35**		0.080	0.026	mg/L		08/28/25 13:01	08/29/25 20:07	1
Calcium	**35**		0.10	0.038	mg/L		08/28/25 13:01	08/29/25 20:07	1
Lithium	**0.074**		0.020	0.0037	mg/L		08/28/25 13:01	09/12/25 14:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**220**		10	10	mg/L			08/26/25 15:45	1

Client Sample ID: WAN-AP1-EB-08

Lab Sample ID: 705-40813-2

Date Collected: 08/20/25 10:05

Matrix: Water

Date Received: 08/22/25 10:33

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/30/25 18:00	1
Fluoride	**0.14**	**J**	0.20	0.081	mg/L			08/30/25 18:00	1
Sulfate	<0.77		1.0	0.77	mg/L			08/30/25 18:00	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/28/25 13:01	08/29/25 20:16	1
Calcium	<0.038		0.10	0.038	mg/L		08/28/25 13:01	08/29/25 20:16	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/28/25 13:01	09/12/25 14:11	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		08/29/25 08:02	09/03/25 20:18	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/29/25 08:02	09/03/25 20:18	1
Barium	**0.00061**	**J**	0.010	0.00041	mg/L		08/29/25 08:02	09/03/25 20:18	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/29/25 08:02	09/03/25 20:18	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/29/25 08:02	09/03/25 20:18	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/29/25 08:02	09/03/25 20:18	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/29/25 08:02	09/03/25 20:18	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/29/25 08:02	09/03/25 20:18	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/29/25 08:02	09/03/25 20:18	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/29/25 08:02	09/03/25 20:18	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/29/25 08:02	09/03/25 20:18	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		09/08/25 12:26	09/08/25 18:03	1

Client Sample Results

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

Job ID: 705-40813-1

Client Sample ID: WAN-AP1-EB-08
Date Collected: 08/20/25 10:05
Date Received: 08/22/25 10:33

Lab Sample ID: 705-40813-2
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			08/27/25 12:00	1

Method Summary

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

Job ID: 705-40813-1

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
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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-78640/3
Matrix: Water
Analysis Batch: 78640

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/30/25 14:34	1
Fluoride	<0.081		0.20	0.081	mg/L			08/30/25 14:34	1
Sulfate	<0.77		1.0	0.77	mg/L			08/30/25 14:34	1

Lab Sample ID: LCS 705-78640/4
Matrix: Water
Analysis Batch: 78640

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	25.2		mg/L		101	90 - 110

Lab Sample ID: 705-41358-C-2 MS
Matrix: Water
Analysis Batch: 78640

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	190	F1	100	268	F1	mg/L		83	90 - 110
Fluoride	8.0		50.0	56.3		mg/L		96	90 - 110
Sulfate	11		250	262		mg/L		100	90 - 110

Lab Sample ID: 705-41358-C-2 MSD
Matrix: Water
Analysis Batch: 78640

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	190	F1	100	267	F1	mg/L		82	90 - 110	0	20
Fluoride	8.0		50.0	56.8		mg/L		98	90 - 110	1	20
Sulfate	11		250	257		mg/L		98	90 - 110	2	20

Lab Sample ID: MB 705-79130/3
Matrix: Water
Analysis Batch: 79130

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.77		1.0	0.77	mg/L			09/03/25 11:10	1

Lab Sample ID: LCS 705-79130/4
Matrix: Water
Analysis Batch: 79130

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	25.0	22.5		mg/L		90	90 - 110

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-41599-A-1 MS
Matrix: Water
Analysis Batch: 79130

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
Sulfate	1.9	F1	25.0	21.1	F1	mg/L		77	90 - 110

Lab Sample ID: 705-41599-A-1 MSD
Matrix: Water
Analysis Batch: 79130

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
Sulfate	1.9	F1	25.0	23.4	F1	mg/L		86	90 - 110	11	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-78104/1-A
Matrix: Water
Analysis Batch: 78688

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78104

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/28/25 13:01	08/29/25 18:49	1
Calcium	<0.038		0.10	0.038	mg/L		08/28/25 13:01	08/29/25 18:49	1

Lab Sample ID: MB 705-78104/1-A
Matrix: Water
Analysis Batch: 81715

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78104

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0037		0.020	0.0037	mg/L		08/28/25 13:01	09/12/25 14:01	1

Lab Sample ID: LCS 705-78104/2-A
Matrix: Water
Analysis Batch: 78688

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78104

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.954		mg/L		95	80 - 120
Calcium	10.0	9.69		mg/L		97	80 - 120

Lab Sample ID: LCS 705-78104/2-A
Matrix: Water
Analysis Batch: 81715

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78104

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	1.17		mg/L		117	80 - 120

Lab Sample ID: 752-36178-C-1-B MS
Matrix: Water
Analysis Batch: 78688

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 78104

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026		1.00	0.948		mg/L		95	75 - 125
Calcium	0.78		10.0	10.4		mg/L		96	75 - 125

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

Lab Sample ID: 752-36178-C-1-B MS
Matrix: Water
Analysis Batch: 81715

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 78104

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	<0.0037		1.00	1.22		mg/L		122	75 - 125

Lab Sample ID: 752-36178-C-1-C MSD
Matrix: Water
Analysis Batch: 78688

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 78104

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	0.952		mg/L		95	75 - 125	0	20
Calcium	0.78		10.0	10.4		mg/L		96	75 - 125	0	20

Lab Sample ID: 752-36178-C-1-C MSD
Matrix: Water
Analysis Batch: 81715

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 78104

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0037		1.00	1.23		mg/L		123	75 - 125	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-78328/1-A
Matrix: Water
Analysis Batch: 79376

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 78328

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/29/25 08:02	09/03/25 18:23	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/29/25 08:02	09/03/25 18:23	1
Barium	<0.00041		0.010	0.00041	mg/L		08/29/25 08:02	09/03/25 18:23	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/29/25 08:02	09/03/25 18:23	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/29/25 08:02	09/03/25 18:23	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/29/25 08:02	09/03/25 18:23	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/29/25 08:02	09/03/25 18:23	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/29/25 08:02	09/03/25 18:23	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/29/25 08:02	09/03/25 18:23	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/29/25 08:02	09/03/25 18:23	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/29/25 08:02	09/03/25 18:23	1

Lab Sample ID: LCS 705-78328/2-A
Matrix: Water
Analysis Batch: 79376

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 78328

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	0.102		mg/L		102	80 - 120
Barium	0.100	0.104		mg/L		104	80 - 120
Beryllium	0.100	0.0903		mg/L		90	80 - 120
Cadmium	0.100	0.0964		mg/L		96	80 - 120
Chromium	0.100	0.0997		mg/L		100	80 - 120
Cobalt	0.100	0.101		mg/L		101	80 - 120
Lead	0.100	0.107		mg/L		107	80 - 120
Molybdenum	0.100	0.108		mg/L		108	80 - 120

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

Lab Sample ID: LCS 705-78328/2-A
Matrix: Water
Analysis Batch: 79376

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 78328

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.100	0.0940		mg/L		94	80 - 120
Thallium	0.100	0.106		mg/L		106	80 - 120

Lab Sample ID: 705-40681-F-4-B MS
Matrix: Water
Analysis Batch: 79376

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 78328

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.102		mg/L		102	75 - 125
Arsenic	<0.0013		0.100	0.0998		mg/L		100	75 - 125
Barium	0.00062	J	0.100	0.104		mg/L		104	75 - 125
Beryllium	<0.00015		0.100	0.0869		mg/L		87	75 - 125
Cadmium	<0.00024		0.100	0.0924		mg/L		92	75 - 125
Chromium	<0.0037		0.100	0.0983		mg/L		98	75 - 125
Cobalt	<0.00041		0.100	0.100		mg/L		100	75 - 125
Lead	<0.00086		0.100	0.105		mg/L		105	75 - 125
Molybdenum	<0.00069		0.100	0.104		mg/L		104	75 - 125
Selenium	<0.0023		0.100	0.0892		mg/L		89	75 - 125
Thallium	<0.00019		0.100	0.104		mg/L		104	75 - 125

Lab Sample ID: 705-40681-F-4-C MSD
Matrix: Water
Analysis Batch: 79376

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 78328

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	0	20
Arsenic	<0.0013		0.100	0.100		mg/L		100	75 - 125	1	20
Barium	0.00062	J	0.100	0.105		mg/L		104	75 - 125	1	20
Beryllium	<0.00015		0.100	0.0853		mg/L		85	75 - 125	2	20
Cadmium	<0.00024		0.100	0.0946		mg/L		95	75 - 125	2	20
Chromium	<0.0037		0.100	0.0983		mg/L		98	75 - 125	0	20
Cobalt	<0.00041		0.100	0.0992		mg/L		99	75 - 125	1	20
Lead	<0.00086		0.100	0.105		mg/L		105	75 - 125	0	20
Molybdenum	<0.00069		0.100	0.105		mg/L		105	75 - 125	1	20
Selenium	<0.0023		0.100	0.0899		mg/L		90	75 - 125	1	20
Thallium	<0.00019		0.100	0.104		mg/L		104	75 - 125	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-80194/1-A
Matrix: Water
Analysis Batch: 80281

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 80194

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		09/08/25 12:26	09/08/25 15:49	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 705-80194/2-A
Matrix: Water
Analysis Batch: 80281

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 80194

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00400	0.00411		mg/L		103	80 - 120		

Lab Sample ID: 705-41389-F-1-D MS
Matrix: Water
Analysis Batch: 80281

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 80194

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.00017		0.00400	0.00411		mg/L		103	75 - 125		

Lab Sample ID: 705-41389-F-1-E MSD
Matrix: Water
Analysis Batch: 80281

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 80194

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00408		mg/L		102	75 - 125	1	20

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

Lab Sample ID: MB 705-77584/1
Matrix: Water
Analysis Batch: 77584

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/26/25 15:45	1

Lab Sample ID: LCS 705-77584/2
Matrix: Water
Analysis Batch: 77584

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	1000		mg/L		100	80 - 120		

Lab Sample ID: 705-40612-P-1 DU
Matrix: Water
Analysis Batch: 77584

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	1500		1480		mg/L		0.5	10

Lab Sample ID: MB 705-77799/1
Matrix: Water
Analysis Batch: 77799

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/27/25 12:00	1

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

Lab Sample ID: LCS 705-77799/2
Matrix: Water
Analysis Batch: 77799

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	1080		mg/L		109	80 - 120		

Lab Sample ID: 705-40790-A-10 DU
Matrix: Water
Analysis Batch: 77799

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	5900			5860		mg/L				1	10

QC Association Summary

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

Job ID: 705-40813-1

HPLC/IC

Analysis Batch: 78640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40813-1	WAN-PZ-23D	Total/NA	Water	300.0	
705-40813-2	WAN-AP1-EB-08	Total/NA	Water	300.0	
MB 705-78640/3	Method Blank	Total/NA	Water	300.0	
LCS 705-78640/4	Lab Control Sample	Total/NA	Water	300.0	
705-41358-C-2 MS	Matrix Spike	Total/NA	Water	300.0	
705-41358-C-2 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 79130

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40813-1	WAN-PZ-23D	Total/NA	Water	300.0	
MB 705-79130/3	Method Blank	Total/NA	Water	300.0	
LCS 705-79130/4	Lab Control Sample	Total/NA	Water	300.0	
705-41599-A-1 MS	Matrix Spike	Total/NA	Water	300.0	
705-41599-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 78104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40813-1	WAN-PZ-23D	Total/NA	Water	3010A	
705-40813-2	WAN-AP1-EB-08	Total/NA	Water	3010A	
MB 705-78104/1-A	Method Blank	Total/NA	Water	3010A	
LCS 705-78104/2-A	Lab Control Sample	Total/NA	Water	3010A	
752-36178-C-1-B MS	Matrix Spike	Total/NA	Water	3010A	
752-36178-C-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	

Prep Batch: 78328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40813-2	WAN-AP1-EB-08	Total Recoverable	Water	3005A	
MB 705-78328/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-78328/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
705-40681-F-4-B MS	Matrix Spike	Total Recoverable	Water	3005A	
705-40681-F-4-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 78688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40813-1	WAN-PZ-23D	Total/NA	Water	6010D	78104
705-40813-2	WAN-AP1-EB-08	Total/NA	Water	6010D	78104
MB 705-78104/1-A	Method Blank	Total/NA	Water	6010D	78104
LCS 705-78104/2-A	Lab Control Sample	Total/NA	Water	6010D	78104
752-36178-C-1-B MS	Matrix Spike	Total/NA	Water	6010D	78104
752-36178-C-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010D	78104

Analysis Batch: 79376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40813-2	WAN-AP1-EB-08	Total Recoverable	Water	6020B	78328
MB 705-78328/1-A	Method Blank	Total Recoverable	Water	6020B	78328
LCS 705-78328/2-A	Lab Control Sample	Total Recoverable	Water	6020B	78328
705-40681-F-4-B MS	Matrix Spike	Total Recoverable	Water	6020B	78328
705-40681-F-4-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	78328

QC Association Summary

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

Job ID: 705-40813-1

Metals

Prep Batch: 80194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40813-2	WAN-AP1-EB-08	Total/NA	Water	7470A	
MB 705-80194/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-80194/2-A	Lab Control Sample	Total/NA	Water	7470A	
705-41389-F-1-D MS	Matrix Spike	Total/NA	Water	7470A	
705-41389-F-1-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 80281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40813-2	WAN-AP1-EB-08	Total/NA	Water	7470A	80194
MB 705-80194/1-A	Method Blank	Total/NA	Water	7470A	80194
LCS 705-80194/2-A	Lab Control Sample	Total/NA	Water	7470A	80194
705-41389-F-1-D MS	Matrix Spike	Total/NA	Water	7470A	80194
705-41389-F-1-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	80194

Analysis Batch: 81715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40813-1	WAN-PZ-23D	Total/NA	Water	6010D	78104
705-40813-2	WAN-AP1-EB-08	Total/NA	Water	6010D	78104
MB 705-78104/1-A	Method Blank	Total/NA	Water	6010D	78104
LCS 705-78104/2-A	Lab Control Sample	Total/NA	Water	6010D	78104
752-36178-C-1-B MS	Matrix Spike	Total/NA	Water	6010D	78104
752-36178-C-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010D	78104

General Chemistry

Analysis Batch: 77584

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40813-1	WAN-PZ-23D	Total/NA	Water	2540C - 2015	
MB 705-77584/1	Method Blank	Total/NA	Water	2540C - 2015	
LCS 705-77584/2	Lab Control Sample	Total/NA	Water	2540C - 2015	
705-40612-P-1 DU	Duplicate	Total/NA	Water	2540C - 2015	

Analysis Batch: 77799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40813-2	WAN-AP1-EB-08	Total/NA	Water	2540C - 2015	
MB 705-77799/1	Method Blank	Total/NA	Water	2540C - 2015	
LCS 705-77799/2	Lab Control Sample	Total/NA	Water	2540C - 2015	
705-40790-A-10 DU	Duplicate	Total/NA	Water	2540C - 2015	

Lab Chronicle

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

Job ID: 705-40813-1

Client Sample ID: WAN-PZ-23D

Lab Sample ID: 705-40813-1

Date Collected: 08/20/25 09:39
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78640	MS	EET ATL	08/30/25 17:49
Total/NA	Analysis	300.0		5	79130	MS	EET ATL	09/03/25 14:13
Total/NA	Prep	3010A			78104	EF	EET ATL	08/28/25 13:01
Total/NA	Analysis	6010D		1	78688	DS	EET ATL	08/29/25 20:07
Total/NA	Prep	3010A			78104	EF	EET ATL	08/28/25 13:01
Total/NA	Analysis	6010D		1	81715	KB	EET ATL	09/12/25 14:09
Total/NA	Analysis	2540C - 2015		1	77584	NN	EET ATL	08/26/25 15:45

Client Sample ID: WAN-AP1-EB-08

Lab Sample ID: 705-40813-2

Date Collected: 08/20/25 10:05
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78640	MS	EET ATL	08/30/25 18:00
Total/NA	Prep	3010A			78104	EF	EET ATL	08/28/25 13:01
Total/NA	Analysis	6010D		1	78688	DS	EET ATL	08/29/25 20:16
Total/NA	Prep	3010A			78104	EF	EET ATL	08/28/25 13:01
Total/NA	Analysis	6010D		1	81715	KB	EET ATL	09/12/25 14:11
Total Recoverable	Prep	3005A			78328	SA	EET ATL	08/29/25 08:02
Total Recoverable	Analysis	6020B		1	79376	IF	EET ATL	09/03/25 20:18
Total/NA	Prep	7470A			80194	GR	EET ATL	09/08/25 12:26
Total/NA	Analysis	7470A		1	80281	GR	EET ATL	09/08/25 18:03
Total/NA	Analysis	2540C - 2015		1	77799	NN	EET ATL	08/27/25 12:00

Laboratory References:

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

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-40813-1
Project/Site: Plant Wansley Ash Pond

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 9/26/2025 4:03:14 PM

JOB DESCRIPTION

Plant Wansley Ash Pond

JOB NUMBER

705-40813-2

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

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

Authorization



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9/26/2025 4:03:14 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: 705-40813-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-40813-2	WAN-AP1-EB-08	Water	08/20/25 10:05	08/22/25 10:33	Georgia

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: T. Goble / H. Auld (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
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 1~~ HA	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-2025 0820

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- PZ-32D TG	TG 08/19/25	TG 1418	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	TG ✓	
WAN- PZ-23D	08/20/25	0939	G	WG	N	N	✓	✓	✓		✓					3
WAN- API-EB-08	08/20/25	1005	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										

705-40813 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
1	[signature]	8-22-25/1033	ACC	[signature]	8.22.25 1033	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Cooler Temperature(s) °C and Other Remarks: cl # 2665 3.1 2.0 1.9 1.7

Ver: 01/16/2019

9/26/2025

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-40813-2

Login Number: 40813

List Source: Eurofins Atlanta

List Number: 1

Creator: Gay, Dalton

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: 705-40813-2

Login Number: 40813
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 08/26/25 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.

Definitions/Glossary

Client: Southern Company
Job ID: 705-40813-2
Project/Site: Plant Wansley Ash Pond

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: 705-40813-2 — Eurofins Atlanta

Job Narrative
705-40813-2

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 8/22/2025 10:33 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 3.1°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.

Client Sample ID: WAN-AP1-EB-08

Date Collected: 08/20/25 10:05
Date Received: 08/22/25 10:33

Lab Sample ID: 705-40813-2

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	0.152	U	0.242	0.243	1.00	0.417	pCi/L	08/29/25 10:57	09/25/25 19:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.0*		*30 - 110*	*08/29/25 10:57*	*09/25/25 19:34*	*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	**0.603**		0.372	0.377	1.00	0.548	pCi/L	08/29/25 11:00	09/25/25 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.0*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:48*	*1*
Y Carrier	*81.9*		*30 - 110*	*08/29/25 11:00*	*09/25/25 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	**0.755**		0.444	0.449	5.00	0.548	pCi/L		09/26/25 11:37	1

Tracer/Carrier Summary

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

Job ID: 705-40813-2

Method: 9315 - Radium-226 (GFPC)

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

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
705-40790-E-13-A DU	Duplicate	93.9
705-40813-2	WAN-AP1-EB-08	91.0
LCS 160-734206/2-A	Lab Control Sample	93.2
MB 160-734206/1-A	Method Blank	94.9

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)
705-40790-E-13-B DU	Duplicate	93.9	82.2
705-40813-2	WAN-AP1-EB-08	91.0	81.9
LCS 160-734207/2-A	Lab Control Sample	93.2	78.5
MB 160-734207/1-A	Method Blank	94.9	80.4

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Method Summary

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

Job ID: 705-40813-2

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

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-734206/1-A
Matrix: Water
Analysis Batch: 737619

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734206

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1381	U	0.175	0.175	1.00	0.290	pCi/L	08/29/25 10:57	09/25/25 19:25	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.9*		*30 - 110*	*08/29/25 10:57*	*09/25/25 19:25*	*1*

Lab Sample ID: LCS 160-734206/2-A
Matrix: Water
Analysis Batch: 737619

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734206

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	9.178		1.21	1.00	0.275	pCi/L	96	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*93.2*		*30 - 110*

Lab Sample ID: 705-40790-E-13-A DU
Matrix: Water
Analysis Batch: 737637

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 734206

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.424			0.3194	U	0.245	1.00	0.358	pCi/L			0.20	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*93.9*		*30 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-734207/1-A
Matrix: Water
Analysis Batch: 737637

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734207

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2447	U	0.319	0.320	1.00	0.532	pCi/L	08/29/25 11:00	09/25/25 11:51	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.9*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:51*	*1*
Y Carrier	*80.4*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:51*	*1*

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

Lab Sample ID: LCS 160-734207/2-A
Matrix: Water
Analysis Batch: 737637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734207

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.04	10.42		1.39	1.00	0.499	pCi/L	115	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*93.2*		*30 - 110*
Y Carrier	*78.5*		*30 - 110*

Lab Sample ID: 705-40790-E-13-B DU
Matrix: Water
Analysis Batch: 737637

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 734207

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	1.45			1.542		0.513	1.00	0.612	pCi/L			0.09	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*93.9*		*30 - 110*
Y Carrier	*82.2*		*30 - 110*

QC Association Summary

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

Job ID: 705-40813-2

Rad

Prep Batch: 734206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40813-2	WAN-AP1-EB-08	Total/NA	Water	PrecSep-21	
MB 160-734206/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-734206/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
705-40790-E-13-A DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 734207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40813-2	WAN-AP1-EB-08	Total/NA	Water	PrecSep_0	
MB 160-734207/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-734207/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
705-40790-E-13-B DU	Duplicate	Total/NA	Water	PrecSep_0	

Lab Chronicle

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

Job ID: 705-40813-2

Client Sample ID: WAN-AP1-EB-08
Date Collected: 08/20/25 10:05
Date Received: 08/22/25 10:33

Lab Sample ID: 705-40813-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734206	JTR	EET SL	08/29/25 10:57
Total/NA	Analysis	9315		1	737637	SWS	EET SL	09/25/25 19:34
Total/NA	Prep	PrecSep_0			734207	JTR	EET SL	08/29/25 11:00
Total/NA	Analysis	9320		1	737619	SWS	EET SL	09/25/25 11:48
Total/NA	Analysis	Ra226_Ra228		1	737876	SCB	EET SL	09/26/25 11:37

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: 705-40813-2
Project/Site: Plant Wansley Ash Pond

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 9/15/2025 6:57:50 PM

JOB DESCRIPTION

Plant Wansley Ash Pond Quarterly 1

JOB NUMBER

705-40790-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

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

Authorization



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9/15/2025 6:57:50 PM

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

Sample Summary

Client: Southern Company
Job ID: 705-40790-1
Project/Site: Plant Wansley Ash Pond Quarterly 1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-40790-1	WAN-WGWC-42	Water	08/20/25 09:28	08/22/25 10:33	Georgia
705-40790-2	WAN-WGWC-30	Water	08/20/25 13:46	08/22/25 10:33	Georgia
705-40790-3	WAN-WGWC-33	Water	08/20/25 15:06	08/22/25 10:33	Georgia
705-40790-4	WAN-WGWC-32	Water	08/20/25 15:02	08/22/25 10:33	Georgia
705-40790-5	WAN-AP1-FD-09	Water	08/20/25 00:00	08/22/25 10:33	Georgia
705-40790-6	WAN-WGWC-40	Water	08/20/25 15:11	08/22/25 10:33	Georgia
705-40790-7	WAN-AP1-EB-09	Water	08/20/25 17:00	08/22/25 10:33	Georgia
705-40790-8	WAN-WGWC-31S	Water	08/20/25 16:14	08/22/25 10:33	Georgia
705-40790-9	WAN-AP1-FB-15	Water	08/20/25 16:35	08/22/25 10:33	Georgia
705-40790-10	WAN-WGWC-38D	Water	08/20/25 16:50	08/22/25 10:33	Georgia
705-40790-11	WAN-WGWC-41	Water	08/21/25 09:07	08/22/25 10:33	Georgia
705-40790-12	WAN-WGWC-31D	Water	08/21/25 09:13	08/22/25 10:33	Georgia
705-40790-13	WAN-WGWC-38S	Water	08/21/25 11:33	08/22/25 10:33	Georgia
705-40790-14	WAN-WGWC-39	Water	08/21/25 12:11	08/22/25 10:33	Georgia
705-40790-15	WAN-AP1-EB-10	Water	08/21/25 12:30	08/22/25 10:33	Georgia
705-40790-16	WAN-WGWC-36S	Water	08/21/25 13:07	08/22/25 10:33	Georgia
705-40790-17	WAN-WGWC-37S	Water	08/21/25 15:10	08/22/25 10:33	Georgia
705-40790-18	WAN-WGWC-34D	Water	08/21/25 15:00	08/22/25 10:33	Georgia

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: ACC T. Goble/H. Auld/J. May/D. Johnson	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 Quarterly 1	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Task_Code: WAN-CCR-OTH-2025 0820

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:					X	X	I	I	D	D	D	D	D	D	D					X
WAN- WGWC-42	08/20/25	0928	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- WGWC-30	08/20/25	1346	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- WGWC-33	08/20/25	1506	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- WGWC-32	08/20/25	1502	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- API-FD-09	08/20/25	—	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- WGWC-40	08/20/25	1511	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- API-EB-09	08/20/25	1700	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- WGWC-315	08/20/25	1614	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- API-FB-15	08/20/25	1635	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- WGWC-38D	08/20/25	1650	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- WGWC-41	08/21/25	0907	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5

705-40790 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
1		8-22-25/1033	ACC		8.22.25 10:33	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: # 2665 3.1 1.2 2.0 1.9 1.7

Ver: 01/16/2019
9/15/2025

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: ACC T. Goble/H. Ard/D. Johnson/5 May	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:	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)
City: Atlanta	TAT Requested (days):			Other:
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 1	Project #:			Task_Code: WAN-CCR-OTH-2025 0820
Site:	SSOW#:			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-31D	08/21/25	0913	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-38S	08/21/25	1133	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-39	08/21/25	1211	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- AP1-EB-10	08/21/25	1230	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-36S	08/21/25	1307	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-37S	08/21/25	1510	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-34D	08/21/25	1500	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										

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

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

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

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		8-22-25/1033	ACC		8.22.25 10:[illegible]	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: CL # 2665 3.1 1.2 2.0 1.9 1.7

Ver: 01/16/2019

9/15/2025

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-40790-1

Login Number: 40790

List Source: Eurofins Atlanta

List Number: 1

Creator: Gay, Dalton

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
Job ID: 705-40790-1
Project/Site: Plant Wansley Ash Pond Quarterly 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
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD 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
705-40790-1

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 10:33 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 1.2°C, 1.7°C, 1.9°C, 2.0°C and 3.1°C.

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 705-79439 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was 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 matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 705-78054 and analytical batch 705-79647 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) precision was within acceptance limits.

Method 6020B - Total Recoverable: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 705-78054 and analytical batch 705-80630 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 matrix spike / matrix spike duplicate / sample duplicate (MSD) precision for preparation batch 705-80208 and analytical batch 705-80304 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

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
Job ID: 705-40790-1
Project/Site: Plant Wansley Ash Pond Quarterly 1

Client Sample ID: WAN-WGWC-42 — Lab Sample ID: 705-40790-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	7.4		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	2.0		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	0.27		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.016		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00042	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	47		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-30 — Lab Sample ID: 705-40790-2

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	0.18	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	0.024		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00017	J F1	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Thallium	0.00035	J	0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	56		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-33 — Lab Sample ID: 705-40790-3

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	0.96		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	250		10	7.7	mg/L	10		300.0	Total/NA
Boron	0.95		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	86		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	0.0060		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cadmium	0.0021		0.00070	0.00024	mg/L	1		6020B	Total Recoverable
Cobalt	0.0029	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Selenium	0.0098		0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	560		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-32 — Lab Sample ID: 705-40790-4

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	0.25		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	0.21		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	7.3		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0041	J	0.020	0.0037	mg/L	1		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Client Sample ID: WAN-WGWC-32 (Continued) — Lab Sample ID: 705-40790-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.050		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.0013		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.00052	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Selenium	0.0027	J	0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Thallium	0.00019	J	0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	110		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-FD-09 — Lab Sample ID: 705-40790-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	7.7		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.20		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	0.25		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.015		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00039	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	58		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-40 — Lab Sample ID: 705-40790-6

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	0.16	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	0.77		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.17		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00017	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.0018	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	41		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-EB-09 — Lab Sample ID: 705-40790-7

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	0.29	F1	0.20	0.081	mg/L	1		300.0	Total/NA

Client Sample ID: WAN-WGWC-31S — Lab Sample ID: 705-40790-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.0		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	2.1		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	0.014		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00021	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: WAN-WGWC-31S (Continued) — Lab Sample ID: 705-40790-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.0016	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Thallium	0.00021	J	0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	78		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-FB-15 — Lab Sample ID: 705-40790-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.35		0.20	0.081	mg/L	1		300.0	Total/NA
Total Dissolved Solids	11		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-38D — Lab Sample ID: 705-40790-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1200		50	49	mg/L	50		300.0	Total/NA
Fluoride	0.32		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1300		50	38	mg/L	50		300.0	Total/NA
Boron	45		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	950		2.0	0.76	mg/L	20		6010D	Total/NA
Arsenic	0.030		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Barium	0.043		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00024	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cadmium	0.013		0.00070	0.00024	mg/L	1		6020B	Total Recoverable
Cobalt	0.10		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Lead	0.012		0.0010	0.00086	mg/L	1		6020B	Total Recoverable
Selenium	0.14		0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Thallium	0.0038		0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	5900		40	40	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-41 — Lab Sample ID: 705-40790-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.8	F1	1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.70	F1	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	37		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.060	J	0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	7.3		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0088	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.0019	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00074	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
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 Quarterly 1

Job ID: 705-40790-1

Client Sample ID: WAN-WGWC-31D — Lab Sample ID: 705-40790-12

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	2.8		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	24		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	24		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.056		0.020	0.0037	mg/L	1		6010D	Total/NA
Antimony	0.0025	J	0.0050	0.0025	mg/L	1		6020B	Total Recoverable
Barium	0.0050	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
Molybdenum	0.036		0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	210		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-38S — Lab Sample ID: 705-40790-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	21		20	20	mg/L	20		300.0	Total/NA
Fluoride	5.4		4.0	1.6	mg/L	20		300.0	Total/NA
Sulfate	16	J	20	15	mg/L	20		300.0	Total/NA
Boron	0.031	J	0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	47		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0044	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Arsenic	0.0013	J	0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Barium	0.11		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.031		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	330		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-39 — Lab Sample ID: 705-40790-14

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	0.47		0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	0.56		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.059		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00034	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	0.00089	J	0.0010	0.00086	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	36		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-EB-10 — Lab Sample ID: 705-40790-15

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
Sulfate	1.4		1.0	0.77	mg/L	1		300.0	Total/NA
Barium	0.091		0.010	0.00041	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Client Sample ID: WAN-AP1-EB-10 (Continued) — Lab Sample ID: 705-40790-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.023		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0013	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable

Client Sample ID: WAN-WGWC-36S — Lab Sample ID: 705-40790-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	26		10	9.8	mg/L	10		300.0	Total/NA
Fluoride	3.7		2.0	0.81	mg/L	10		300.0	Total/NA
Sulfate	16		10	7.7	mg/L	10		300.0	Total/NA
Calcium	28		0.10	0.038	mg/L	1		6010D	Total/NA
Arsenic	0.0031	J	0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Barium	0.057		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.0022		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.19		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Selenium	0.018		0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	230		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-37S — Lab Sample ID: 705-40790-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	560		20	20	mg/L	20		300.0	Total/NA
Fluoride	3.8		2.0	0.81	mg/L	10		300.0	Total/NA
Sulfate	9.1	J	10	7.7	mg/L	10		300.0	Total/NA
Boron	2.6		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	28		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0050	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Total Dissolved Solids	1300		20	20	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-34D — Lab Sample ID: 705-40790-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	120		10	9.8	mg/L	10		300.0	Total/NA
Fluoride	0.74		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	380		10	7.7	mg/L	10		300.0	Total/NA
Boron	7.1		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	13		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0078	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Arsenic	0.0030	J	0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Barium	0.065		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.0022		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cadmium	0.0040		0.00070	0.00024	mg/L	1		6020B	Total Recoverable
Cobalt	0.21		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Lead	0.0025		0.0010	0.00086	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: WAN-WGWC-34D (Continued)
Lab Sample ID: 705-40790-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	0.018		0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Thallium	0.0036		0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	900		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: WAN-WGWC-42

Lab Sample ID: 705-40790-1

Date Collected: 08/20/25 09:28

Matrix: Water

Date Received: 08/22/25 10:33

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.4**		1.0	0.98	mg/L			08/30/25 21:14	1
Fluoride	**0.15**	**J**	0.20	0.081	mg/L			08/30/25 21:14	1
Sulfate	**2.0**		1.0	0.77	mg/L			08/30/25 21:14	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/28/25 11:36	08/29/25 13:28	1
Calcium	**0.27**		0.10	0.038	mg/L		08/28/25 11:36	08/29/25 13:28	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/28/25 11:36	09/12/25 12:06	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		08/28/25 10:10	09/03/25 21:57	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/28/25 10:10	09/03/25 21:57	1
Barium	**0.016**		0.010	0.00041	mg/L		08/28/25 10:10	09/05/25 16:40	1
Beryllium	**0.00042**	**J**	0.0010	0.00015	mg/L		08/28/25 10:10	09/09/25 17:04	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/28/25 10:10	09/03/25 21:57	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/28/25 10:10	09/03/25 21:57	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/28/25 10:10	09/03/25 21:57	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/28/25 10:10	09/03/25 21:57	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/28/25 10:10	09/03/25 21:57	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/28/25 10:10	09/03/25 21:57	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/28/25 10:10	09/03/25 21:57	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		09/08/25 12:26	09/08/25 19:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**47**		10	10	mg/L			08/27/25 12:00	1

Client Sample ID: WAN-WGWC-30

Lab Sample ID: 705-40790-2

Date Collected: 08/20/25 13:46

Matrix: Water

Date Received: 08/22/25 10:33

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			08/30/25 21:49	1
Fluoride	**0.18**	**J**	0.20	0.081	mg/L			08/30/25 21:49	1
Sulfate	<0.77		1.0	0.77	mg/L			08/30/25 21:49	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/28/25 11:36	08/29/25 14:08	1
Calcium	**0.25**		0.10	0.038	mg/L		08/28/25 11:36	08/29/25 14:08	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/28/25 11:36	09/12/25 12:11	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		08/28/25 10:10	09/03/25 21:41	1

Client Sample ID: WAN-WGWC-30

Lab Sample ID: 705-40790-2

Date Collected: 08/20/25 13:46

Matrix: Water

Date Received: 08/22/25 10:33

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		08/28/25 10:10	09/03/25 21:41	1
Barium	**0.024**		0.010	0.00041	mg/L		08/28/25 10:10	09/03/25 21:41	1
Beryllium	**0.00017**	**J F1**	0.0010	0.00015	mg/L		08/28/25 10:10	09/09/25 16:54	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/28/25 10:10	09/03/25 21:41	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/28/25 10:10	09/03/25 21:41	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/28/25 10:10	09/03/25 21:41	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/28/25 10:10	09/03/25 21:41	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/28/25 10:10	09/03/25 21:41	1
Selenium	<0.0023	F2	0.0050	0.0023	mg/L		08/28/25 10:10	09/03/25 21:41	1
Thallium	**0.00035**	**J**	0.0010	0.00019	mg/L		08/28/25 10:10	09/03/25 21:41	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		09/08/25 12:26	09/08/25 19:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**56**		10	10	mg/L			08/27/25 12:00	1

Client Sample ID: WAN-WGWC-33

Lab Sample ID: 705-40790-3

Date Collected: 08/20/25 15:06

Matrix: Water

Date Received: 08/22/25 10:33

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			08/30/25 22:00	1
Fluoride	**0.96**		0.20	0.081	mg/L			08/30/25 22:00	1
Sulfate	**250**		10	7.7	mg/L			09/03/25 15:33	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.95**		0.080	0.026	mg/L		08/28/25 11:36	08/29/25 14:11	1
Calcium	**86**		0.10	0.038	mg/L		08/28/25 11:36	08/29/25 14:11	1
Lithium	**0.026**		0.020	0.0037	mg/L		08/28/25 11:36	09/12/25 12:13	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		08/28/25 10:10	09/03/25 22:01	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/28/25 10:10	09/03/25 22:01	1
Barium	**0.015**		0.010	0.00041	mg/L		08/28/25 10:10	09/03/25 22:01	1
Beryllium	**0.0060**		0.0010	0.00015	mg/L		08/28/25 10:10	09/09/25 17:08	1
Cadmium	**0.0021**		0.00070	0.00024	mg/L		08/28/25 10:10	09/09/25 17:08	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/28/25 10:10	09/03/25 22:01	1
Cobalt	**0.0029**	**J**	0.0050	0.00041	mg/L		08/28/25 10:10	09/03/25 22:01	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/28/25 10:10	09/03/25 22:01	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/28/25 10:10	09/03/25 22:01	1
Selenium	**0.0098**		0.0050	0.0023	mg/L		08/28/25 10:10	09/03/25 22:01	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/28/25 10:10	09/03/25 22:01	1

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 1

Job ID: 705-40790-1

Client Sample ID: WAN-WGWC-33

Lab Sample ID: 705-40790-3

Date Collected: 08/20/25 15:06
Matrix: Water
Date Received: 08/22/25 10:33

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		09/08/25 12:26	09/08/25 19:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	560		10	10	mg/L			08/27/25 12:00	1

Client Sample ID: WAN-WGWC-32

Lab Sample ID: 705-40790-4

Date Collected: 08/20/25 15:02
Matrix: Water
Date Received: 08/22/25 10:33

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.3		1.0	0.98	mg/L			08/30/25 22:12	1
Fluoride	0.25		0.20	0.081	mg/L			08/30/25 22:12	1
Sulfate	34		1.0	0.77	mg/L			08/30/25 22:12	1

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		08/28/25 11:36	08/29/25 14:14	1
Calcium	7.3		0.10	0.038	mg/L		08/28/25 11:36	08/29/25 14:14	1
Lithium	0.0041	J	0.020	0.0037	mg/L		08/28/25 11:36	09/12/25 12:15	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		08/28/25 10:10	09/03/25 22:04	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/28/25 10:10	09/03/25 22:04	1
Barium	0.050		0.010	0.00041	mg/L		08/28/25 10:10	09/03/25 22:04	1
Beryllium	0.0013		0.0010	0.00015	mg/L		08/28/25 10:10	09/09/25 17:11	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/28/25 10:10	09/03/25 22:04	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/28/25 10:10	09/03/25 22:04	1
Cobalt	0.00052	J	0.0050	0.00041	mg/L		08/28/25 10:10	09/03/25 22:04	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/28/25 10:10	09/03/25 22:04	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/28/25 10:10	09/03/25 22:04	1
Selenium	0.0027	J	0.0050	0.0023	mg/L		08/28/25 10:10	09/03/25 22:04	1
Thallium	0.00019	J	0.0010	0.00019	mg/L		08/28/25 10:10	09/03/25 22:04	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		09/08/25 12:26	09/08/25 19:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	110		10	10	mg/L			08/27/25 12:00	1

Client Sample ID: WAN-AP1-FD-09

Lab Sample ID: 705-40790-5

Date Collected: 08/20/25 00:00

Matrix: Water

Date Received: 08/22/25 10:33

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.7**		1.0	0.98	mg/L			08/30/25 22:23	1
Fluoride	**0.20**		0.20	0.081	mg/L			08/30/25 22:23	1
Sulfate	**2.0**		1.0	0.77	mg/L			08/30/25 22:23	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		08/28/25 11:36	08/29/25 14:17	1
Calcium	**0.25**		0.10	0.038	mg/L		08/28/25 11:36	08/29/25 14:17	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/28/25 11:36	09/12/25 12:20	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		08/28/25 10:10	09/03/25 22:28	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/28/25 10:10	09/03/25 22:28	1
Barium	**0.015**		0.010	0.00041	mg/L		08/28/25 10:10	09/03/25 22:28	1
Beryllium	**0.00039**	**J**	0.0010	0.00015	mg/L		08/28/25 10:10	09/09/25 17:14	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/28/25 10:10	09/03/25 22:28	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/28/25 10:10	09/03/25 22:28	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/28/25 10:10	09/03/25 22:28	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/28/25 10:10	09/03/25 22:28	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/28/25 10:10	09/03/25 22:28	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/28/25 10:10	09/03/25 22:28	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/28/25 10:10	09/03/25 22:28	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		09/08/25 12:26	09/08/25 19:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**58**		10	10	mg/L			08/27/25 12:00	1

Client Sample ID: WAN-WGWC-40

Lab Sample ID: 705-40790-6

Date Collected: 08/20/25 15:11

Matrix: Water

Date Received: 08/22/25 10:33

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			08/30/25 22:34	1
Fluoride	**0.16**	**J**	0.20	0.081	mg/L			08/30/25 22:34	1
Sulfate	<0.77		1.0	0.77	mg/L			08/30/25 22:34	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/28/25 11:36	08/29/25 17:18	1
Calcium	**0.77**		0.10	0.038	mg/L		08/28/25 11:36	08/29/25 17:18	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/28/25 11:36	09/12/25 12:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/28/25 10:10	09/03/25 22:31	1

Client Sample ID: WAN-WGWC-40
Lab Sample ID: 705-40790-6

Date Collected: 08/20/25 15:11
Matrix: Water
Date Received: 08/22/25 10:33

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		08/28/25 10:10	09/03/25 22:31	1
Barium	**0.17**		0.010	0.00041	mg/L		08/28/25 10:10	09/03/25 22:31	1
Beryllium	**0.00017**	**J**	0.0010	0.00015	mg/L		08/28/25 10:10	09/09/25 17:18	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/28/25 10:10	09/03/25 22:31	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/28/25 10:10	09/03/25 22:31	1
Cobalt	**0.0018**	**J**	0.0050	0.00041	mg/L		08/28/25 10:10	09/03/25 22:31	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/28/25 10:10	09/03/25 22:31	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/28/25 10:10	09/03/25 22:31	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/28/25 10:10	09/03/25 22:31	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/28/25 10:10	09/03/25 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		09/08/25 12:26	09/08/25 20:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**41**		10	10	mg/L			08/27/25 12:00	1

Client Sample ID: WAN-AP1-EB-09
Lab Sample ID: 705-40790-7

Date Collected: 08/20/25 17:00
Matrix: Water
Date Received: 08/22/25 10:33

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			09/04/25 18:15	1
Fluoride	**0.29**	**F1**	0.20	0.081	mg/L			09/04/25 18:15	1
Sulfate	<0.77		1.0	0.77	mg/L			09/04/25 18:15	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		08/28/25 11:36	08/29/25 17:21	1
Calcium	<0.038		0.10	0.038	mg/L		08/28/25 11:36	08/29/25 17:21	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/28/25 11:36	09/12/25 12:23	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		08/28/25 10:10	09/03/25 22:34	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/28/25 10:10	09/03/25 22:34	1
Barium	<0.00041		0.010	0.00041	mg/L		08/28/25 10:10	09/03/25 22:34	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/28/25 10:10	09/09/25 17:41	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/28/25 10:10	09/03/25 22:34	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/28/25 10:10	09/03/25 22:34	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/28/25 10:10	09/03/25 22:34	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/28/25 10:10	09/03/25 22:34	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/28/25 10:10	09/03/25 22:34	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/28/25 10:10	09/03/25 22:34	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/28/25 10:10	09/03/25 22:34	1

Client Sample ID: WAN-AP1-EB-09

Lab Sample ID: 705-40790-7

Date Collected: 08/20/25 17:00

Matrix: Water

Date Received: 08/22/25 10:33

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017	F2	0.00020	0.00017	mg/L		09/08/25 13:31	09/08/25 16:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			08/27/25 12:00	1

Client Sample ID: WAN-WGWC-31S

Lab Sample ID: 705-40790-8

Date Collected: 08/20/25 16:14

Matrix: Water

Date Received: 08/22/25 10:33

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.0**		1.0	0.98	mg/L			09/04/25 21:17	1
Fluoride	**0.24**		0.20	0.081	mg/L			09/04/25 21:17	1
Sulfate	**2.1**		1.0	0.77	mg/L			09/04/25 21:17	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/28/25 11:36	08/29/25 17:24	1
Calcium	**2.1**		0.10	0.038	mg/L		08/28/25 11:36	08/29/25 17:24	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/28/25 11:36	09/12/25 12:25	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		08/28/25 10:10	09/03/25 22:38	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/28/25 10:10	09/03/25 22:38	1
Barium	**0.014**		0.010	0.00041	mg/L		08/28/25 10:10	09/03/25 22:38	1
Beryllium	**0.00021**	**J**	0.0010	0.00015	mg/L		08/28/25 10:10	09/09/25 17:45	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/28/25 10:10	09/03/25 22:38	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/28/25 10:10	09/03/25 22:38	1
Cobalt	**0.0016**	**J**	0.0050	0.00041	mg/L		08/28/25 10:10	09/03/25 22:38	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/28/25 10:10	09/03/25 22:38	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/28/25 10:10	09/03/25 22:38	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/28/25 10:10	09/03/25 22:38	1
Thallium	**0.00021**	**J**	0.0010	0.00019	mg/L		08/28/25 10:10	09/03/25 22:38	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		09/08/25 13:31	09/08/25 17:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**78**		10	10	mg/L			08/27/25 12:00	1

Client Sample ID: WAN-AP1-FB-15

Lab Sample ID: 705-40790-9

Date Collected: 08/20/25 16:35

Matrix: Water

Date Received: 08/22/25 10:33

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			09/04/25 21:29	1
Fluoride	**0.35**		0.20	0.081	mg/L			09/04/25 21:29	1
Sulfate	<0.77		1.0	0.77	mg/L			09/04/25 21:29	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		08/28/25 11:36	08/29/25 18:09	1
Calcium	<0.038		0.10	0.038	mg/L		08/28/25 11:36	08/29/25 18:09	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/28/25 11:36	09/12/25 12:26	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		08/28/25 10:10	09/03/25 22:41	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/28/25 10:10	09/03/25 22:41	1
Barium	<0.00041		0.010	0.00041	mg/L		08/28/25 10:10	09/03/25 22:41	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/28/25 10:10	09/09/25 17:48	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/28/25 10:10	09/03/25 22:41	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/28/25 10:10	09/03/25 22:41	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/28/25 10:10	09/03/25 22:41	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/28/25 10:10	09/03/25 22:41	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/28/25 10:10	09/03/25 22:41	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/28/25 10:10	09/03/25 22:41	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/28/25 10:10	09/03/25 22:41	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		09/08/25 13:31	09/08/25 17:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**11**		10	10	mg/L			08/27/25 12:00	1

Client Sample ID: WAN-WGWC-38D

Lab Sample ID: 705-40790-10

Date Collected: 08/20/25 16:50

Matrix: Water

Date Received: 08/22/25 10:33

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1200**		50	49	mg/L			09/06/25 19:03	50
Fluoride	**0.32**		0.20	0.081	mg/L			09/04/25 21:40	1
Sulfate	**1300**		50	38	mg/L			09/06/25 19:03	50

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**45**		0.080	0.026	mg/L		08/28/25 11:36	08/29/25 18:12	1
Calcium	**950**		2.0	0.76	mg/L		08/28/25 11:36	09/02/25 11:51	20
Lithium	<0.0037		0.020	0.0037	mg/L		08/28/25 11:36	09/12/25 12:28	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		08/28/25 10:10	09/03/25 22:45	1

Client Sample ID: WAN-WGWC-38D

Lab Sample ID: 705-40790-10

Date Collected: 08/20/25 16:50

Matrix: Water

Date Received: 08/22/25 10:33

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.030		0.0050	0.0013	mg/L		08/28/25 10:10	09/03/25 22:45	1
Barium	0.043		0.010	0.00041	mg/L		08/28/25 10:10	09/03/25 22:45	1
Beryllium	0.00024	J	0.0010	0.00015	mg/L		08/28/25 10:10	09/09/25 17:51	1
Cadmium	0.013		0.00070	0.00024	mg/L		08/28/25 10:10	09/09/25 17:51	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/28/25 10:10	09/03/25 22:45	1
Cobalt	0.10		0.0050	0.00041	mg/L		08/28/25 10:10	09/03/25 22:45	1
Lead	0.012		0.0010	0.00086	mg/L		08/28/25 10:10	09/03/25 22:45	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/28/25 10:10	09/03/25 22:45	1
Selenium	0.14		0.0050	0.0023	mg/L		08/28/25 10:10	09/03/25 22:45	1
Thallium	0.0038		0.0010	0.00019	mg/L		08/28/25 10:10	09/03/25 22:45	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		09/08/25 13:31	09/08/25 18:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	5900		40	40	mg/L			08/27/25 12:00	1

Client Sample ID: WAN-WGWC-41

Lab Sample ID: 705-40790-11

Date Collected: 08/21/25 09:07

Matrix: Water

Date Received: 08/22/25 10:33

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.8	F1	1.0	0.98	mg/L			09/04/25 23:46	1
Fluoride	0.70	F1	0.20	0.081	mg/L			09/04/25 23:46	1
Sulfate	37		1.0	0.77	mg/L			09/05/25 20:56	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.060	J	0.080	0.026	mg/L		08/28/25 11:36	08/29/25 18:15	1
Calcium	7.3		0.10	0.038	mg/L		08/28/25 11:36	08/29/25 18:15	1
Lithium	0.0088	J	0.020	0.0037	mg/L		08/28/25 11:36	09/12/25 16:00	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		08/28/25 10:10	09/03/25 22:48	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/28/25 10:10	09/03/25 22:48	1
Barium	0.0019	J	0.010	0.00041	mg/L		08/28/25 10:10	09/03/25 22:48	1
Beryllium	0.00074	J	0.0010	0.00015	mg/L		08/28/25 10:10	09/10/25 14:25	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/28/25 10:10	09/03/25 22:48	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/28/25 10:10	09/03/25 22:48	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/28/25 10:10	09/03/25 22:48	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/28/25 10:10	09/03/25 22:48	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/28/25 10:10	09/03/25 22:48	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/28/25 10:10	09/03/25 22:48	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/28/25 10:10	09/03/25 22:48	1

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 1

Job ID: 705-40790-1

Client Sample ID: WAN-WGWC-41

Lab Sample ID: 705-40790-11

Date Collected: 08/21/25 09:07

Matrix: Water

Date Received: 08/22/25 10:33

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		09/08/25 13:31	09/08/25 18:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	130		10	10	mg/L			08/27/25 12:00	1

Client Sample ID: WAN-WGWC-31D

Lab Sample ID: 705-40790-12

Date Collected: 08/21/25 09:13

Matrix: Water

Date Received: 08/22/25 10:33

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			09/04/25 21:52	1
Fluoride	2.8		0.20	0.081	mg/L			09/04/25 21:52	1
Sulfate	24		1.0	0.77	mg/L			09/04/25 21:52	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		08/28/25 11:36	08/29/25 18:24	1
Calcium	24		0.10	0.038	mg/L		08/28/25 11:36	08/29/25 18:24	1
Lithium	0.056		0.020	0.0037	mg/L		08/28/25 11:36	09/12/25 16:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0025	J	0.0050	0.0025	mg/L		08/28/25 10:10	09/03/25 22:51	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/28/25 10:10	09/03/25 22:51	1
Barium	0.0050	J	0.010	0.00041	mg/L		08/28/25 10:10	09/03/25 22:51	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/28/25 10:10	09/09/25 17:58	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/28/25 10:10	09/03/25 22:51	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/28/25 10:10	09/03/25 22:51	1
Cobalt	0.00044	J	0.0050	0.00041	mg/L		08/28/25 10:10	09/03/25 22:51	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/28/25 10:10	09/03/25 22:51	1
Molybdenum	0.036		0.0050	0.00069	mg/L		08/28/25 10:10	09/03/25 22:51	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/28/25 10:10	09/03/25 22:51	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/28/25 10:10	09/03/25 22:51	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		09/08/25 13:31	09/08/25 18:09	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			08/27/25 12:00	1

Client Sample ID: WAN-WGWC-38S

Lab Sample ID: 705-40790-13

Date Collected: 08/21/25 11:33

Matrix: Water

Date Received: 08/22/25 10:33

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21**		20	20	mg/L			09/05/25 02:14	20
Fluoride	**5.4**		4.0	1.6	mg/L			09/05/25 02:14	20
Sulfate	**16**	**J**	20	15	mg/L			09/05/25 21:07	20

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		08/28/25 11:36	08/29/25 18:28	1
Calcium	**47**		0.10	0.038	mg/L		08/28/25 11:36	08/29/25 18:28	1
Lithium	**0.0044**	**J**	0.020	0.0037	mg/L		08/28/25 11:36	09/12/25 16:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/28/25 10:10	09/03/25 22:55	1
Arsenic	**0.0013**	**J**	0.0050	0.0013	mg/L		08/28/25 10:10	09/03/25 22:55	1
Barium	**0.11**		0.010	0.00041	mg/L		08/28/25 10:10	09/05/25 17:37	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/28/25 10:10	09/09/25 18:01	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/28/25 10:10	09/03/25 22:55	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/28/25 10:10	09/03/25 22:55	1
Cobalt	**0.031**		0.0050	0.00041	mg/L		08/28/25 10:10	09/05/25 17:37	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/28/25 10:10	09/03/25 22:55	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/28/25 10:10	09/03/25 22:55	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/28/25 10:10	09/03/25 22:55	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/28/25 10:10	09/03/25 22:55	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		09/08/25 13:31	09/08/25 18:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**330**		10	10	mg/L			08/27/25 12:00	1

Client Sample ID: WAN-WGWC-39

Lab Sample ID: 705-40790-14

Date Collected: 08/21/25 12:11

Matrix: Water

Date Received: 08/22/25 10:33

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			09/04/25 22:37	1
Fluoride	**0.47**		0.20	0.081	mg/L			09/04/25 22:37	1
Sulfate	<0.77		1.0	0.77	mg/L			09/04/25 22:37	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		08/28/25 11:36	08/29/25 18:31	1
Calcium	**0.56**		0.10	0.038	mg/L		08/28/25 11:36	08/29/25 18:31	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/28/25 11:36	09/12/25 16:09	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		08/28/25 10:10	09/03/25 22:58	1

Client Sample ID: WAN-WGWC-39

Lab Sample ID: 705-40790-14

Date Collected: 08/21/25 12:11

Matrix: Water

Date Received: 08/22/25 10:33

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		08/28/25 10:10	09/03/25 22:58	1
Barium	**0.059**		0.010	0.00041	mg/L		08/28/25 10:10	09/03/25 22:58	1
Beryllium	**0.00034**	**J**	0.0010	0.00015	mg/L		08/28/25 10:10	09/09/25 18:05	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/28/25 10:10	09/03/25 22:58	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/28/25 10:10	09/03/25 22:58	1
Cobalt	**0.0078**		0.0050	0.00041	mg/L		08/28/25 10:10	09/03/25 22:58	1
Lead	**0.00089**	**J**	0.0010	0.00086	mg/L		08/28/25 10:10	09/03/25 22:58	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/28/25 10:10	09/03/25 22:58	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/28/25 10:10	09/03/25 22:58	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/28/25 10:10	09/03/25 22:58	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		09/08/25 13:31	09/08/25 18:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**36**		10	10	mg/L			08/27/25 12:00	1

Client Sample ID: WAN-AP1-EB-10

Lab Sample ID: 705-40790-15

Date Collected: 08/21/25 12:30

Matrix: Water

Date Received: 08/22/25 10:33

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			09/04/25 22:49	1
Fluoride	<0.081		0.20	0.081	mg/L			09/04/25 22:49	1
Sulfate	**1.4**		1.0	0.77	mg/L			09/04/25 22:49	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/28/25 11:36	08/29/25 18:34	1
Calcium	<0.038		0.10	0.038	mg/L		08/28/25 11:36	08/29/25 18:34	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/28/25 11:36	09/12/25 16:10	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		08/28/25 10:10	09/03/25 23:22	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/28/25 10:10	09/03/25 23:22	1
Barium	**0.091**		0.010	0.00041	mg/L		08/28/25 10:10	09/03/25 23:22	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/28/25 10:10	09/03/25 23:22	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/28/25 10:10	09/03/25 23:22	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/28/25 10:10	09/03/25 23:22	1
Cobalt	**0.023**		0.0050	0.00041	mg/L		08/28/25 10:10	09/03/25 23:22	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/28/25 10:10	09/03/25 23:22	1
Molybdenum	**0.0013**	**J**	0.0050	0.00069	mg/L		08/28/25 10:10	09/03/25 23:22	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/28/25 10:10	09/03/25 23:22	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/28/25 10:10	09/03/25 23:22	1

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 1

Job ID: 705-40790-1

Client Sample ID: WAN-AP1-EB-10

Lab Sample ID: 705-40790-15

Date Collected: 08/21/25 12:30
Matrix: Water
Date Received: 08/22/25 10:33

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		09/08/25 13:31	09/08/25 18:37	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			08/27/25 12:00	1

Client Sample ID: WAN-WGWC-36S

Lab Sample ID: 705-40790-16

Date Collected: 08/21/25 13:07
Matrix: Water
Date Received: 08/22/25 10:33

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**26**		10	9.8	mg/L			09/05/25 02:03	10
Fluoride	**3.7**		2.0	0.81	mg/L			09/05/25 02:03	10
Sulfate	**16**		10	7.7	mg/L			09/05/25 21:53	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/28/25 11:36	08/29/25 18:37	1
Calcium	**28**		0.10	0.038	mg/L		08/28/25 11:36	08/29/25 18:37	1
Lithium	<0.0037		0.020	0.0037	mg/L		08/28/25 11:36	09/12/25 16:12	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		08/28/25 10:10	09/03/25 23:25	1
Arsenic	**0.0031**	**J**	0.0050	0.0013	mg/L		08/28/25 10:10	09/03/25 23:25	1
Barium	**0.057**		0.010	0.00041	mg/L		08/28/25 10:10	09/03/25 23:25	1
Beryllium	**0.0022**		0.0010	0.00015	mg/L		08/28/25 10:10	09/03/25 23:25	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/28/25 10:10	09/05/25 17:44	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/28/25 10:10	09/03/25 23:25	1
Cobalt	**0.19**		0.0050	0.00041	mg/L		08/28/25 10:10	09/03/25 23:25	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/28/25 10:10	09/03/25 23:25	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/28/25 10:10	09/03/25 23:25	1
Selenium	**0.018**		0.0050	0.0023	mg/L		08/28/25 10:10	09/03/25 23:25	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/28/25 10:10	09/03/25 23:25	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		09/08/25 13:31	09/08/25 18:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**230**		10	10	mg/L			08/27/25 12:00	1

Client Sample ID: WAN-WGWC-37S

Lab Sample ID: 705-40790-17

Date Collected: 08/21/25 15:10

Matrix: Water

Date Received: 08/22/25 10:33

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	560		20	20	mg/L			09/05/25 22:04	20
Fluoride	3.8		2.0	0.81	mg/L			09/04/25 23:12	10
Sulfate	9.1	J	10	7.7	mg/L			09/04/25 23:12	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	2.6		0.080	0.026	mg/L		08/28/25 11:36	08/29/25 18:40	1
Calcium	28		0.10	0.038	mg/L		08/28/25 11:36	08/29/25 18:40	1
Lithium	0.0050	J	0.020	0.0037	mg/L		08/28/25 11:36	09/12/25 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		08/28/25 10:10	09/03/25 23:28	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/28/25 10:10	09/03/25 23:28	1
Barium	<0.00041		0.010	0.00041	mg/L		08/28/25 10:10	09/03/25 23:28	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/28/25 10:10	09/03/25 23:28	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/28/25 10:10	09/03/25 23:28	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/28/25 10:10	09/03/25 23:28	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/28/25 10:10	09/03/25 23:28	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/28/25 10:10	09/03/25 23:28	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/28/25 10:10	09/03/25 23:28	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/28/25 10:10	09/03/25 23:28	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/28/25 10:10	09/03/25 23:28	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		09/08/25 13:31	09/08/25 18:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	1300		20	20	mg/L			08/27/25 12:00	1

Client Sample ID: WAN-WGWC-34D

Lab Sample ID: 705-40790-18

Date Collected: 08/21/25 15:00

Matrix: Water

Date Received: 08/22/25 10:33

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		10	9.8	mg/L			09/05/25 22:16	10
Fluoride	0.74		0.20	0.081	mg/L			09/04/25 23:00	1
Sulfate	380		10	7.7	mg/L			09/05/25 22:16	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	7.1		0.080	0.026	mg/L		08/28/25 11:36	08/29/25 18:43	1
Calcium	13		0.10	0.038	mg/L		08/28/25 11:36	09/12/25 19:52	1
Lithium	0.0078	J	0.020	0.0037	mg/L		08/28/25 11:36	09/12/25 16:15	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		08/28/25 10:10	09/03/25 23:32	1

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 1

Job ID: 705-40790-1

Client Sample ID: WAN-WGWC-34D
Date Collected: 08/21/25 15:00
Date Received: 08/22/25 10:33

Lab Sample ID: 705-40790-18
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0030**	**J**	0.0050	0.0013	mg/L		08/28/25 10:10	09/03/25 23:32	1
Barium	**0.065**		0.010	0.00041	mg/L		08/28/25 10:10	09/05/25 17:47	1
Beryllium	**0.0022**		0.0010	0.00015	mg/L		08/28/25 10:10	09/03/25 23:32	1
Cadmium	**0.0040**		0.00070	0.00024	mg/L		08/28/25 10:10	09/09/25 18:08	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/28/25 10:10	09/03/25 23:32	1
Cobalt	**0.21**		0.0050	0.00041	mg/L		08/28/25 10:10	09/05/25 17:47	1
Lead	**0.0025**		0.0010	0.00086	mg/L		08/28/25 10:10	09/03/25 23:32	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/28/25 10:10	09/03/25 23:32	1
Selenium	**0.018**		0.0050	0.0023	mg/L		08/28/25 10:10	09/03/25 23:32	1
Thallium	**0.0036**		0.0010	0.00019	mg/L		08/28/25 10:10	09/03/25 23:32	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		09/08/25 13:31	09/08/25 18:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**900**		10	10	mg/L			08/27/25 12:00	1

Method Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 1

Job ID: 705-40790-1

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
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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-78640/148
Matrix: Water
Analysis Batch: 78640

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			08/30/25 20:52	1
Fluoride	<0.081		0.20	0.081	mg/L			08/30/25 20:52	1
Sulfate	<0.77		1.0	0.77	mg/L			08/30/25 20:52	1

Lab Sample ID: LCS 705-78640/149
Matrix: Water
Analysis Batch: 78640

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	9.94		mg/L		99	90 - 110		
Fluoride			5.00	4.92		mg/L		98	90 - 110		
Sulfate			25.0	25.3		mg/L		101	90 - 110		

Lab Sample ID: 705-40790-1 MS
Matrix: Water
Analysis Batch: 78640

Client Sample ID: WAN-WGWC-42
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	7.4		10.0	17.3		mg/L		99	90 - 110		
Fluoride	0.15	J	5.00	4.98		mg/L		97	90 - 110		
Sulfate	2.0		25.0	27.2		mg/L		101	90 - 110		

Lab Sample ID: 705-40790-1 MSD
Matrix: Water
Analysis Batch: 78640

Client Sample ID: WAN-WGWC-42
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7.4		10.0	17.3		mg/L		100	90 - 110	0	20
Fluoride	0.15	J	5.00	4.94		mg/L		96	90 - 110	1	20
Sulfate	2.0		25.0	26.4		mg/L		98	90 - 110	3	20

Lab Sample ID: MB 705-79130/3
Matrix: Water
Analysis Batch: 79130

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.77		1.0	0.77	mg/L			09/03/25 11:10	1

Lab Sample ID: LCS 705-79130/4
Matrix: Water
Analysis Batch: 79130

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			25.0	22.5		mg/L		90	90 - 110		

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-41599-A-1 MS
Matrix: Water
Analysis Batch: 79130

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
Sulfate	1.9	F1	25.0	21.1	F1	mg/L		77	90 - 110

Lab Sample ID: 705-41599-A-1 MSD
Matrix: Water
Analysis Batch: 79130

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
Sulfate	1.9	F1	25.0	23.4	F1	mg/L		86	90 - 110	11	20

Lab Sample ID: MB 705-79439/61
Matrix: Water
Analysis Batch: 79439

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			09/04/25 17:53	1
Fluoride	<0.081		0.20	0.081	mg/L			09/04/25 17:53	1
Sulfate	<0.77		1.0	0.77	mg/L			09/04/25 17:53	1

Lab Sample ID: MB 705-79439/90
Matrix: Water
Analysis Batch: 79439

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			09/04/25 23:23	1
Fluoride	<0.081		0.20	0.081	mg/L			09/04/25 23:23	1
Sulfate	<0.77		1.0	0.77	mg/L			09/04/25 23:23	1

Lab Sample ID: LCS 705-79439/62
Matrix: Water
Analysis Batch: 79439

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	9.19		mg/L		92	90 - 110
Fluoride	5.00	4.55		mg/L		91	90 - 110
Sulfate	25.0	23.3		mg/L		93	90 - 110

Lab Sample ID: LCS 705-79439/91
Matrix: Water
Analysis Batch: 79439

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	4.60		mg/L		92	90 - 110
Sulfate	25.0	23.5		mg/L		94	90 - 110

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-40790-7 MS
Matrix: Water
Analysis Batch: 79439

Client Sample ID: WAN-AP1-EB-09
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1.4	F1	10.0	10.1	F1	mg/L		87	90 - 110
Fluoride	0.29	F1	5.00	4.65	F1	mg/L		87	90 - 110
Sulfate	<0.77		25.0	23.7		mg/L		95	90 - 110

Lab Sample ID: 705-40790-7 MSD
Matrix: Water
Analysis Batch: 79439

Client Sample ID: WAN-AP1-EB-09
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1.4	F1	10.0	10.2	F1	mg/L		88	90 - 110	1	20
Fluoride	0.29	F1	5.00	4.71	F1	mg/L		88	90 - 110	1	20
Sulfate	<0.77		25.0	23.7		mg/L		95	90 - 110	0	20

Lab Sample ID: 705-40790-11 MS
Matrix: Water
Analysis Batch: 79439

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	2.8	F1	10.0	11.7	F1	mg/L		89	90 - 110
Fluoride	0.70	F1	5.00	5.01	F1	mg/L		86	90 - 110

Lab Sample ID: 705-40790-11 MSD
Matrix: Water
Analysis Batch: 79439

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	2.8	F1	10.0	11.8		mg/L		90	90 - 110	1	20
Fluoride	0.70	F1	5.00	4.94	F1	mg/L		85	90 - 110	1	20

Lab Sample ID: MB 705-79760/145
Matrix: Water
Analysis Batch: 79760

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			09/05/25 19:24	1
Fluoride	<0.081		0.20	0.081	mg/L			09/05/25 19:24	1
Sulfate	<0.77		1.0	0.77	mg/L			09/05/25 19:24	1

Lab Sample ID: LCS 705-79760/146
Matrix: Water
Analysis Batch: 79760

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	9.08		mg/L		91	90 - 110
Fluoride	5.00	4.50		mg/L		90	90 - 110
Sulfate	25.0	22.6		mg/L		90	90 - 110

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-42017-D-7 MS
Matrix: Water
Analysis Batch: 79760

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	2.3		10.0	11.3		mg/L		90	90 - 110
Fluoride	0.20	F1	5.00	4.45	F1	mg/L		85	90 - 110
Sulfate	<0.77	F1	25.0	22.5		mg/L		90	90 - 110

Lab Sample ID: 705-42017-D-7 MSD
Matrix: Water
Analysis Batch: 79760

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	2.3		10.0	11.4		mg/L		91	90 - 110	1	20
Fluoride	0.20	F1	5.00	4.57	F1	mg/L		87	90 - 110	3	20
Sulfate	<0.77	F1	25.0	22.0	F1	mg/L		88	90 - 110	2	20

Lab Sample ID: MB 705-79960/4
Matrix: Water
Analysis Batch: 79960

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			09/06/25 17:56	1
Fluoride	<0.081		0.20	0.081	mg/L			09/06/25 17:56	1
Sulfate	<0.77		1.0	0.77	mg/L			09/06/25 17:56	1

Lab Sample ID: LCS 705-79960/3
Matrix: Water
Analysis Batch: 79960

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.2		mg/L		102	90 - 110
Fluoride	5.00	4.97		mg/L		99	90 - 110
Sulfate	25.0	25.6		mg/L		102	90 - 110

Lab Sample ID: 705-41817-D-17 MS
Matrix: Water
Analysis Batch: 79960

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	16	F1	10.0	25.1		mg/L		92	90 - 110
Fluoride	0.17	J	5.00	5.25		mg/L		102	90 - 110
Sulfate	14		25.0	41.2		mg/L		107	90 - 110

Lab Sample ID: 705-41817-D-17 MSD
Matrix: Water
Analysis Batch: 79960

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	16	F1	10.0	24.5	F1	mg/L		87	90 - 110	2	20
Fluoride	0.17	J	5.00	5.33		mg/L		103	90 - 110	2	20
Sulfate	14		25.0	39.1		mg/L		98	90 - 110	5	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-78050/1-A
Matrix: Water
Analysis Batch: 78687

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78050

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		08/28/25 11:36	08/29/25 13:22	1
Calcium	<0.038		0.10	0.038	mg/L		08/28/25 11:36	08/29/25 13:22	1

Lab Sample ID: MB 705-78050/1-A
Matrix: Water
Analysis Batch: 81708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78050

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0037		0.020	0.0037	mg/L		08/28/25 11:36	09/12/25 12:03	1

Lab Sample ID: LCS 705-78050/2-A
Matrix: Water
Analysis Batch: 78687

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78050

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	10.1		mg/L		101	80 - 120

Lab Sample ID: LCS 705-78050/2-A
Matrix: Water
Analysis Batch: 81708

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78050

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	1.07		mg/L		107	80 - 120

Lab Sample ID: 705-40790-1 MS
Matrix: Water
Analysis Batch: 78687

Client Sample ID: WAN-WGWC-42
Prep Type: Total/NA
Prep Batch: 78050

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026		1.00	0.979		mg/L		98	75 - 125
Calcium	0.27		10.0	10.3		mg/L		100	75 - 125

Lab Sample ID: 705-40790-1 MS
Matrix: Water
Analysis Batch: 81708

Client Sample ID: WAN-WGWC-42
Prep Type: Total/NA
Prep Batch: 78050

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	<0.0037		1.00	1.11		mg/L		111	75 - 125

Lab Sample ID: 705-40790-1 MSD
Matrix: Water
Analysis Batch: 78687

Client Sample ID: WAN-WGWC-42
Prep Type: Total/NA
Prep Batch: 78050

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	0.972		mg/L		97	75 - 125	1	20
Calcium	0.27		10.0	10.3		mg/L		100	75 - 125	0	20

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

Lab Sample ID: 705-40790-1 MSD
Matrix: Water
Analysis Batch: 81708

Client Sample ID: WAN-WGWC-42
Prep Type: Total/NA
Prep Batch: 78050

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0037		1.00	1.11		mg/L		111	75 - 125	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-78054/1-A
Matrix: Water
Analysis Batch: 79647

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 78054

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		08/28/25 10:10	09/03/25 21:34	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		08/28/25 10:10	09/03/25 21:34	1
Barium	<0.00041		0.010	0.00041	mg/L		08/28/25 10:10	09/03/25 21:34	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		08/28/25 10:10	09/03/25 21:34	1
Chromium	<0.0037		0.0050	0.0037	mg/L		08/28/25 10:10	09/03/25 21:34	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		08/28/25 10:10	09/03/25 21:34	1
Lead	<0.00086		0.0010	0.00086	mg/L		08/28/25 10:10	09/03/25 21:34	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		08/28/25 10:10	09/03/25 21:34	1
Selenium	<0.0023		0.0050	0.0023	mg/L		08/28/25 10:10	09/03/25 21:34	1
Thallium	<0.00019		0.0010	0.00019	mg/L		08/28/25 10:10	09/03/25 21:34	1

Lab Sample ID: MB 705-78054/1-A
Matrix: Water
Analysis Batch: 80630

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 78054

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00015		0.0010	0.00015	mg/L		08/28/25 10:10	09/09/25 16:47	1

Lab Sample ID: LCS 705-78054/2-A
Matrix: Water
Analysis Batch: 79647

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 78054

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0998		mg/L		100	80 - 120
Arsenic	0.100	0.106		mg/L		106	80 - 120
Barium	0.100	0.0962		mg/L		96	80 - 120
Cadmium	0.100	0.109		mg/L		109	80 - 120
Chromium	0.100	0.0997		mg/L		100	80 - 120
Cobalt	0.100	0.0990		mg/L		99	80 - 120
Lead	0.100	0.0960		mg/L		96	80 - 120
Molybdenum	0.100	0.0991		mg/L		99	80 - 120
Selenium	0.100	0.0964		mg/L		96	80 - 120
Thallium	0.100	0.0925		mg/L		92	80 - 120

Lab Sample ID: LCS 705-78054/2-A
Matrix: Water
Analysis Batch: 80630

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 78054

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.100	0.0852		mg/L		85	80 - 120

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

Lab Sample ID: 705-40790-2 MS
Matrix: Water
Analysis Batch: 79647

Client Sample ID: WAN-WGWC-30
Prep Type: Total Recoverable
Prep Batch: 78054

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.106		mg/L		106	75 - 125
Arsenic	<0.0013		0.100	0.0892		mg/L		89	75 - 125
Barium	0.024		0.100	0.132		mg/L		108	75 - 125
Cadmium	<0.00024		0.100	0.0940		mg/L		94	75 - 125
Chromium	<0.0037		0.100	0.107		mg/L		107	75 - 125
Cobalt	<0.00041		0.100	0.104		mg/L		104	75 - 125
Lead	<0.00086		0.100	0.100		mg/L		100	75 - 125
Molybdenum	<0.00069		0.100	0.105		mg/L		105	75 - 125
Selenium	<0.0023	F2	0.100	0.106		mg/L		106	75 - 125
Thallium	0.00035	J	0.100	0.0959		mg/L		96	75 - 125

Lab Sample ID: 705-40790-2 MS
Matrix: Water
Analysis Batch: 80630

Client Sample ID: WAN-WGWC-30
Prep Type: Total Recoverable
Prep Batch: 78054

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.00017	J F1	0.100	0.0666	F1	mg/L		66	75 - 125

Lab Sample ID: 705-40790-2 MSD
Matrix: Water
Analysis Batch: 79647

Client Sample ID: WAN-WGWC-30
Prep Type: Total Recoverable
Prep Batch: 78054

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0902		mg/L		90	75 - 125	16	20
Arsenic	<0.0013		0.100	0.0810		mg/L		81	75 - 125	10	20
Barium	0.024		0.100	0.111		mg/L		87	75 - 125	18	20
Cadmium	<0.00024		0.100	0.0863		mg/L		86	75 - 125	9	20
Chromium	<0.0037		0.100	0.0891		mg/L		89	75 - 125	18	20
Cobalt	<0.00041		0.100	0.0880		mg/L		88	75 - 125	17	20
Lead	<0.00086		0.100	0.0862		mg/L		86	75 - 125	15	20
Molybdenum	<0.00069		0.100	0.0876		mg/L		88	75 - 125	18	20
Selenium	<0.0023	F2	0.100	0.0854	F2	mg/L		85	75 - 125	21	20
Thallium	0.00035	J	0.100	0.0823		mg/L		82	75 - 125	15	20

Lab Sample ID: 705-40790-2 MSD
Matrix: Water
Analysis Batch: 80630

Client Sample ID: WAN-WGWC-30
Prep Type: Total Recoverable
Prep Batch: 78054

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Beryllium	0.00017	J F1	0.100	0.0662	F1	mg/L		66	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-80201/1-A
Matrix: Water
Analysis Batch: 80936

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 80201

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		09/08/25 12:26	09/08/25 18:07	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 705-80201/2-A
Matrix: Water
Analysis Batch: 80936

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 80201

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00400	0.00407		mg/L		102	80 - 120		

Lab Sample ID: 705-41275-F-2-C MS
Matrix: Water
Analysis Batch: 80936

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 80201

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.00017		0.00400	0.00411		mg/L		103	75 - 125		

Lab Sample ID: 705-41275-F-2-D MSD
Matrix: Water
Analysis Batch: 80936

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 80201

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00412		mg/L		103	75 - 125	0	20

Lab Sample ID: MB 705-80208/1-A
Matrix: Water
Analysis Batch: 80304

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 80208

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		09/08/25 13:31	09/08/25 16:48	1

Lab Sample ID: LCS 705-80208/2-A
Matrix: Water
Analysis Batch: 80304

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 80208

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00400	0.00381		mg/L		95	80 - 120		

Lab Sample ID: 705-40790-7 MS
Matrix: Water
Analysis Batch: 80304

Client Sample ID: WAN-AP1-EB-09
Prep Type: Total/NA
Prep Batch: 80208

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.00017	F2	0.00400	0.00387		mg/L		97	75 - 125		

Lab Sample ID: 705-40790-7 MSD
Matrix: Water
Analysis Batch: 80304

Client Sample ID: WAN-AP1-EB-09
Prep Type: Total/NA
Prep Batch: 80208

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017	F2	0.00400	0.00309	F2	mg/L		77	75 - 125	22	20

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 1

Job ID: 705-40790-1

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

Lab Sample ID: MB 705-77799/1
Matrix: Water
Analysis Batch: 77799

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/27/25 12:00	1

Lab Sample ID: LCS 705-77799/2
Matrix: Water
Analysis Batch: 77799

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	996	1080		mg/L		109	80 - 120

Lab Sample ID: 705-40790-10 DU
Matrix: Water
Analysis Batch: 77799

Client Sample ID: WAN-WGWC-38D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	5900		5860		mg/L		1	10

HPLC/IC

Analysis Batch: 78640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40790-1	WAN-WGWC-42	Total/NA	Water	300.0	
705-40790-2	WAN-WGWC-30	Total/NA	Water	300.0	
705-40790-3	WAN-WGWC-33	Total/NA	Water	300.0	
705-40790-4	WAN-WGWC-32	Total/NA	Water	300.0	
705-40790-5	WAN-AP1-FD-09	Total/NA	Water	300.0	
705-40790-6	WAN-WGWC-40	Total/NA	Water	300.0	
MB 705-78640/148	Method Blank	Total/NA	Water	300.0	
LCS 705-78640/149	Lab Control Sample	Total/NA	Water	300.0	
705-40790-1 MS	WAN-WGWC-42	Total/NA	Water	300.0	
705-40790-1 MSD	WAN-WGWC-42	Total/NA	Water	300.0	

Analysis Batch: 79130

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40790-3	WAN-WGWC-33	Total/NA	Water	300.0	
MB 705-79130/3	Method Blank	Total/NA	Water	300.0	
LCS 705-79130/4	Lab Control Sample	Total/NA	Water	300.0	
705-41599-A-1 MS	Matrix Spike	Total/NA	Water	300.0	
705-41599-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 79439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40790-7	WAN-AP1-EB-09	Total/NA	Water	300.0	
705-40790-8	WAN-WGWC-31S	Total/NA	Water	300.0	
705-40790-9	WAN-AP1-FB-15	Total/NA	Water	300.0	
705-40790-10	WAN-WGWC-38D	Total/NA	Water	300.0	
705-40790-11	WAN-WGWC-41	Total/NA	Water	300.0	
705-40790-12	WAN-WGWC-31D	Total/NA	Water	300.0	
705-40790-13	WAN-WGWC-38S	Total/NA	Water	300.0	
705-40790-14	WAN-WGWC-39	Total/NA	Water	300.0	
705-40790-15	WAN-AP1-EB-10	Total/NA	Water	300.0	
705-40790-16	WAN-WGWC-36S	Total/NA	Water	300.0	
705-40790-17	WAN-WGWC-37S	Total/NA	Water	300.0	
705-40790-18	WAN-WGWC-34D	Total/NA	Water	300.0	
MB 705-79439/61	Method Blank	Total/NA	Water	300.0	
MB 705-79439/90	Method Blank	Total/NA	Water	300.0	
LCS 705-79439/62	Lab Control Sample	Total/NA	Water	300.0	
LCS 705-79439/91	Lab Control Sample	Total/NA	Water	300.0	
705-40790-7 MS	WAN-AP1-EB-09	Total/NA	Water	300.0	
705-40790-7 MSD	WAN-AP1-EB-09	Total/NA	Water	300.0	
705-40790-11 MS	WAN-WGWC-41	Total/NA	Water	300.0	
705-40790-11 MSD	WAN-WGWC-41	Total/NA	Water	300.0	

Analysis Batch: 79760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40790-11	WAN-WGWC-41	Total/NA	Water	300.0	
705-40790-13	WAN-WGWC-38S	Total/NA	Water	300.0	
705-40790-16	WAN-WGWC-36S	Total/NA	Water	300.0	
705-40790-17	WAN-WGWC-37S	Total/NA	Water	300.0	
705-40790-18	WAN-WGWC-34D	Total/NA	Water	300.0	
MB 705-79760/145	Method Blank	Total/NA	Water	300.0	
LCS 705-79760/146	Lab Control Sample	Total/NA	Water	300.0	

HPLC/IC (Continued)

Analysis Batch: 79760 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-42017-D-7 MS	Matrix Spike	Total/NA	Water	300.0	
705-42017-D-7 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 79960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40790-10	WAN-WGWC-38D	Total/NA	Water	300.0	
MB 705-79960/4	Method Blank	Total/NA	Water	300.0	
LCS 705-79960/3	Lab Control Sample	Total/NA	Water	300.0	
705-41817-D-17 MS	Matrix Spike	Total/NA	Water	300.0	
705-41817-D-17 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 78050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40790-1	WAN-WGWC-42	Total/NA	Water	3010A	
705-40790-2	WAN-WGWC-30	Total/NA	Water	3010A	
705-40790-3	WAN-WGWC-33	Total/NA	Water	3010A	
705-40790-4	WAN-WGWC-32	Total/NA	Water	3010A	
705-40790-5	WAN-AP1-FD-09	Total/NA	Water	3010A	
705-40790-6	WAN-WGWC-40	Total/NA	Water	3010A	
705-40790-7	WAN-AP1-EB-09	Total/NA	Water	3010A	
705-40790-8	WAN-WGWC-31S	Total/NA	Water	3010A	
705-40790-9	WAN-AP1-FB-15	Total/NA	Water	3010A	
705-40790-10	WAN-WGWC-38D	Total/NA	Water	3010A	
705-40790-11	WAN-WGWC-41	Total/NA	Water	3010A	
705-40790-12	WAN-WGWC-31D	Total/NA	Water	3010A	
705-40790-13	WAN-WGWC-38S	Total/NA	Water	3010A	
705-40790-14	WAN-WGWC-39	Total/NA	Water	3010A	
705-40790-15	WAN-AP1-EB-10	Total/NA	Water	3010A	
705-40790-16	WAN-WGWC-36S	Total/NA	Water	3010A	
705-40790-17	WAN-WGWC-37S	Total/NA	Water	3010A	
705-40790-18	WAN-WGWC-34D	Total/NA	Water	3010A	
MB 705-78050/1-A	Method Blank	Total/NA	Water	3010A	
LCS 705-78050/2-A	Lab Control Sample	Total/NA	Water	3010A	
705-40790-1 MS	WAN-WGWC-42	Total/NA	Water	3010A	
705-40790-1 MSD	WAN-WGWC-42	Total/NA	Water	3010A	

Prep Batch: 78054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40790-1	WAN-WGWC-42	Total Recoverable	Water	3005A	
705-40790-2	WAN-WGWC-30	Total Recoverable	Water	3005A	
705-40790-3	WAN-WGWC-33	Total Recoverable	Water	3005A	
705-40790-4	WAN-WGWC-32	Total Recoverable	Water	3005A	
705-40790-5	WAN-AP1-FD-09	Total Recoverable	Water	3005A	
705-40790-6	WAN-WGWC-40	Total Recoverable	Water	3005A	
705-40790-7	WAN-AP1-EB-09	Total Recoverable	Water	3005A	
705-40790-8	WAN-WGWC-31S	Total Recoverable	Water	3005A	
705-40790-9	WAN-AP1-FB-15	Total Recoverable	Water	3005A	
705-40790-10	WAN-WGWC-38D	Total Recoverable	Water	3005A	
705-40790-11	WAN-WGWC-41	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 78054 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40790-12	WAN-WGWC-31D	Total Recoverable	Water	3005A	
705-40790-13	WAN-WGWC-38S	Total Recoverable	Water	3005A	
705-40790-14	WAN-WGWC-39	Total Recoverable	Water	3005A	
705-40790-15	WAN-AP1-EB-10	Total Recoverable	Water	3005A	
705-40790-16	WAN-WGWC-36S	Total Recoverable	Water	3005A	
705-40790-17	WAN-WGWC-37S	Total Recoverable	Water	3005A	
705-40790-18	WAN-WGWC-34D	Total Recoverable	Water	3005A	
MB 705-78054/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-78054/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
705-40790-2 MS	WAN-WGWC-30	Total Recoverable	Water	3005A	
705-40790-2 MSD	WAN-WGWC-30	Total Recoverable	Water	3005A	

Analysis Batch: 78687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40790-1	WAN-WGWC-42	Total/NA	Water	6010D	78050
705-40790-2	WAN-WGWC-30	Total/NA	Water	6010D	78050
705-40790-3	WAN-WGWC-33	Total/NA	Water	6010D	78050
705-40790-4	WAN-WGWC-32	Total/NA	Water	6010D	78050
705-40790-5	WAN-AP1-FD-09	Total/NA	Water	6010D	78050
705-40790-6	WAN-WGWC-40	Total/NA	Water	6010D	78050
705-40790-7	WAN-AP1-EB-09	Total/NA	Water	6010D	78050
705-40790-8	WAN-WGWC-31S	Total/NA	Water	6010D	78050
705-40790-9	WAN-AP1-FB-15	Total/NA	Water	6010D	78050
705-40790-10	WAN-WGWC-38D	Total/NA	Water	6010D	78050
705-40790-11	WAN-WGWC-41	Total/NA	Water	6010D	78050
705-40790-12	WAN-WGWC-31D	Total/NA	Water	6010D	78050
705-40790-13	WAN-WGWC-38S	Total/NA	Water	6010D	78050
705-40790-14	WAN-WGWC-39	Total/NA	Water	6010D	78050
705-40790-15	WAN-AP1-EB-10	Total/NA	Water	6010D	78050
705-40790-16	WAN-WGWC-36S	Total/NA	Water	6010D	78050
705-40790-17	WAN-WGWC-37S	Total/NA	Water	6010D	78050
705-40790-18	WAN-WGWC-34D	Total/NA	Water	6010D	78050
MB 705-78050/1-A	Method Blank	Total/NA	Water	6010D	78050
LCS 705-78050/2-A	Lab Control Sample	Total/NA	Water	6010D	78050
705-40790-1 MS	WAN-WGWC-42	Total/NA	Water	6010D	78050
705-40790-1 MSD	WAN-WGWC-42	Total/NA	Water	6010D	78050

Analysis Batch: 78920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40790-10	WAN-WGWC-38D	Total/NA	Water	6010D	78050

Analysis Batch: 79647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40790-1	WAN-WGWC-42	Total Recoverable	Water	6020B	78054
705-40790-2	WAN-WGWC-30	Total Recoverable	Water	6020B	78054
705-40790-3	WAN-WGWC-33	Total Recoverable	Water	6020B	78054
705-40790-4	WAN-WGWC-32	Total Recoverable	Water	6020B	78054
705-40790-5	WAN-AP1-FD-09	Total Recoverable	Water	6020B	78054
705-40790-6	WAN-WGWC-40	Total Recoverable	Water	6020B	78054
705-40790-7	WAN-AP1-EB-09	Total Recoverable	Water	6020B	78054
705-40790-8	WAN-WGWC-31S	Total Recoverable	Water	6020B	78054

Metals (Continued)

Analysis Batch: 79647 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40790-9	WAN-AP1-FB-15	Total Recoverable	Water	6020B	78054
705-40790-10	WAN-WGWC-38D	Total Recoverable	Water	6020B	78054
705-40790-11	WAN-WGWC-41	Total Recoverable	Water	6020B	78054
705-40790-12	WAN-WGWC-31D	Total Recoverable	Water	6020B	78054
705-40790-13	WAN-WGWC-38S	Total Recoverable	Water	6020B	78054
705-40790-14	WAN-WGWC-39	Total Recoverable	Water	6020B	78054
705-40790-15	WAN-AP1-EB-10	Total Recoverable	Water	6020B	78054
705-40790-16	WAN-WGWC-36S	Total Recoverable	Water	6020B	78054
705-40790-17	WAN-WGWC-37S	Total Recoverable	Water	6020B	78054
705-40790-18	WAN-WGWC-34D	Total Recoverable	Water	6020B	78054
MB 705-78054/1-A	Method Blank	Total Recoverable	Water	6020B	78054
LCS 705-78054/2-A	Lab Control Sample	Total Recoverable	Water	6020B	78054
705-40790-2 MS	WAN-WGWC-30	Total Recoverable	Water	6020B	78054
705-40790-2 MSD	WAN-WGWC-30	Total Recoverable	Water	6020B	78054

Analysis Batch: 80039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40790-1	WAN-WGWC-42	Total Recoverable	Water	6020B	78054
705-40790-13	WAN-WGWC-38S	Total Recoverable	Water	6020B	78054
705-40790-16	WAN-WGWC-36S	Total Recoverable	Water	6020B	78054
705-40790-18	WAN-WGWC-34D	Total Recoverable	Water	6020B	78054

Prep Batch: 80201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40790-1	WAN-WGWC-42	Total/NA	Water	7470A	
705-40790-2	WAN-WGWC-30	Total/NA	Water	7470A	
705-40790-3	WAN-WGWC-33	Total/NA	Water	7470A	
705-40790-4	WAN-WGWC-32	Total/NA	Water	7470A	
705-40790-5	WAN-AP1-FD-09	Total/NA	Water	7470A	
705-40790-6	WAN-WGWC-40	Total/NA	Water	7470A	
MB 705-80201/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-80201/2-A	Lab Control Sample	Total/NA	Water	7470A	
705-41275-F-2-C MS	Matrix Spike	Total/NA	Water	7470A	
705-41275-F-2-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 80208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40790-7	WAN-AP1-EB-09	Total/NA	Water	7470A	
705-40790-8	WAN-WGWC-31S	Total/NA	Water	7470A	
705-40790-9	WAN-AP1-FB-15	Total/NA	Water	7470A	
705-40790-10	WAN-WGWC-38D	Total/NA	Water	7470A	
705-40790-11	WAN-WGWC-41	Total/NA	Water	7470A	
705-40790-12	WAN-WGWC-31D	Total/NA	Water	7470A	
705-40790-13	WAN-WGWC-38S	Total/NA	Water	7470A	
705-40790-14	WAN-WGWC-39	Total/NA	Water	7470A	
705-40790-15	WAN-AP1-EB-10	Total/NA	Water	7470A	
705-40790-16	WAN-WGWC-36S	Total/NA	Water	7470A	
705-40790-17	WAN-WGWC-37S	Total/NA	Water	7470A	
705-40790-18	WAN-WGWC-34D	Total/NA	Water	7470A	
MB 705-80208/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-80208/2-A	Lab Control Sample	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 80208 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40790-7 MS	WAN-AP1-EB-09	Total/NA	Water	7470A	
705-40790-7 MSD	WAN-AP1-EB-09	Total/NA	Water	7470A	

Analysis Batch: 80304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40790-7	WAN-AP1-EB-09	Total/NA	Water	7470A	80208
705-40790-8	WAN-WGWC-31S	Total/NA	Water	7470A	80208
705-40790-9	WAN-AP1-FB-15	Total/NA	Water	7470A	80208
705-40790-10	WAN-WGWC-38D	Total/NA	Water	7470A	80208
705-40790-11	WAN-WGWC-41	Total/NA	Water	7470A	80208
705-40790-12	WAN-WGWC-31D	Total/NA	Water	7470A	80208
705-40790-13	WAN-WGWC-38S	Total/NA	Water	7470A	80208
705-40790-14	WAN-WGWC-39	Total/NA	Water	7470A	80208
705-40790-15	WAN-AP1-EB-10	Total/NA	Water	7470A	80208
705-40790-16	WAN-WGWC-36S	Total/NA	Water	7470A	80208
705-40790-17	WAN-WGWC-37S	Total/NA	Water	7470A	80208
705-40790-18	WAN-WGWC-34D	Total/NA	Water	7470A	80208
MB 705-80208/1-A	Method Blank	Total/NA	Water	7470A	80208
LCS 705-80208/2-A	Lab Control Sample	Total/NA	Water	7470A	80208
705-40790-7 MS	WAN-AP1-EB-09	Total/NA	Water	7470A	80208
705-40790-7 MSD	WAN-AP1-EB-09	Total/NA	Water	7470A	80208

Analysis Batch: 80630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40790-1	WAN-WGWC-42	Total Recoverable	Water	6020B	78054
705-40790-2	WAN-WGWC-30	Total Recoverable	Water	6020B	78054
705-40790-3	WAN-WGWC-33	Total Recoverable	Water	6020B	78054
705-40790-4	WAN-WGWC-32	Total Recoverable	Water	6020B	78054
705-40790-5	WAN-AP1-FD-09	Total Recoverable	Water	6020B	78054
705-40790-6	WAN-WGWC-40	Total Recoverable	Water	6020B	78054
705-40790-7	WAN-AP1-EB-09	Total Recoverable	Water	6020B	78054
705-40790-8	WAN-WGWC-31S	Total Recoverable	Water	6020B	78054
705-40790-9	WAN-AP1-FB-15	Total Recoverable	Water	6020B	78054
705-40790-10	WAN-WGWC-38D	Total Recoverable	Water	6020B	78054
705-40790-12	WAN-WGWC-31D	Total Recoverable	Water	6020B	78054
705-40790-13	WAN-WGWC-38S	Total Recoverable	Water	6020B	78054
705-40790-14	WAN-WGWC-39	Total Recoverable	Water	6020B	78054
705-40790-18	WAN-WGWC-34D	Total Recoverable	Water	6020B	78054
MB 705-78054/1-A	Method Blank	Total Recoverable	Water	6020B	78054
LCS 705-78054/2-A	Lab Control Sample	Total Recoverable	Water	6020B	78054
705-40790-2 MS	WAN-WGWC-30	Total Recoverable	Water	6020B	78054
705-40790-2 MSD	WAN-WGWC-30	Total Recoverable	Water	6020B	78054

Analysis Batch: 80773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40790-11	WAN-WGWC-41	Total Recoverable	Water	6020B	78054

Analysis Batch: 80936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40790-1	WAN-WGWC-42	Total/NA	Water	7470A	80201
705-40790-2	WAN-WGWC-30	Total/NA	Water	7470A	80201

Metals (Continued)

Analysis Batch: 80936 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40790-3	WAN-WGWC-33	Total/NA	Water	7470A	80201
705-40790-4	WAN-WGWC-32	Total/NA	Water	7470A	80201
705-40790-5	WAN-AP1-FD-09	Total/NA	Water	7470A	80201
705-40790-6	WAN-WGWC-40	Total/NA	Water	7470A	80201
MB 705-80201/1-A	Method Blank	Total/NA	Water	7470A	80201
LCS 705-80201/2-A	Lab Control Sample	Total/NA	Water	7470A	80201
705-41275-F-2-C MS	Matrix Spike	Total/NA	Water	7470A	80201
705-41275-F-2-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	80201

Analysis Batch: 81708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40790-1	WAN-WGWC-42	Total/NA	Water	6010D	78050
705-40790-2	WAN-WGWC-30	Total/NA	Water	6010D	78050
705-40790-3	WAN-WGWC-33	Total/NA	Water	6010D	78050
705-40790-4	WAN-WGWC-32	Total/NA	Water	6010D	78050
705-40790-5	WAN-AP1-FD-09	Total/NA	Water	6010D	78050
705-40790-6	WAN-WGWC-40	Total/NA	Water	6010D	78050
705-40790-7	WAN-AP1-EB-09	Total/NA	Water	6010D	78050
705-40790-8	WAN-WGWC-31S	Total/NA	Water	6010D	78050
705-40790-9	WAN-AP1-FB-15	Total/NA	Water	6010D	78050
705-40790-10	WAN-WGWC-38D	Total/NA	Water	6010D	78050
MB 705-78050/1-A	Method Blank	Total/NA	Water	6010D	78050
LCS 705-78050/2-A	Lab Control Sample	Total/NA	Water	6010D	78050
705-40790-1 MS	WAN-WGWC-42	Total/NA	Water	6010D	78050
705-40790-1 MSD	WAN-WGWC-42	Total/NA	Water	6010D	78050

Analysis Batch: 81715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40790-11	WAN-WGWC-41	Total/NA	Water	6010D	78050
705-40790-12	WAN-WGWC-31D	Total/NA	Water	6010D	78050
705-40790-13	WAN-WGWC-38S	Total/NA	Water	6010D	78050
705-40790-14	WAN-WGWC-39	Total/NA	Water	6010D	78050
705-40790-15	WAN-AP1-EB-10	Total/NA	Water	6010D	78050
705-40790-16	WAN-WGWC-36S	Total/NA	Water	6010D	78050
705-40790-17	WAN-WGWC-37S	Total/NA	Water	6010D	78050
705-40790-18	WAN-WGWC-34D	Total/NA	Water	6010D	78050

Analysis Batch: 81869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40790-18	WAN-WGWC-34D	Total/NA	Water	6010D	78050

General Chemistry

Analysis Batch: 77799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40790-1	WAN-WGWC-42	Total/NA	Water	2540C - 2015	
705-40790-2	WAN-WGWC-30	Total/NA	Water	2540C - 2015	
705-40790-3	WAN-WGWC-33	Total/NA	Water	2540C - 2015	
705-40790-4	WAN-WGWC-32	Total/NA	Water	2540C - 2015	
705-40790-5	WAN-AP1-FD-09	Total/NA	Water	2540C - 2015	
705-40790-6	WAN-WGWC-40	Total/NA	Water	2540C - 2015	

General Chemistry (Continued)

Analysis Batch: 77799 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40790-7	WAN-AP1-EB-09	Total/NA	Water	2540C - 2015	
705-40790-8	WAN-WGWC-31S	Total/NA	Water	2540C - 2015	
705-40790-9	WAN-AP1-FB-15	Total/NA	Water	2540C - 2015	
705-40790-10	WAN-WGWC-38D	Total/NA	Water	2540C - 2015	
705-40790-11	WAN-WGWC-41	Total/NA	Water	2540C - 2015	
705-40790-12	WAN-WGWC-31D	Total/NA	Water	2540C - 2015	
705-40790-13	WAN-WGWC-38S	Total/NA	Water	2540C - 2015	
705-40790-14	WAN-WGWC-39	Total/NA	Water	2540C - 2015	
705-40790-15	WAN-AP1-EB-10	Total/NA	Water	2540C - 2015	
705-40790-16	WAN-WGWC-36S	Total/NA	Water	2540C - 2015	
705-40790-17	WAN-WGWC-37S	Total/NA	Water	2540C - 2015	
705-40790-18	WAN-WGWC-34D	Total/NA	Water	2540C - 2015	
MB 705-77799/1	Method Blank	Total/NA	Water	2540C - 2015	
LCS 705-77799/2	Lab Control Sample	Total/NA	Water	2540C - 2015	
705-40790-10 DU	WAN-WGWC-38D	Total/NA	Water	2540C - 2015	

Client Sample ID: WAN-WGWC-42
Lab Sample ID: 705-40790-1

Date Collected: 08/20/25 09:28
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78640	MS	EET ATL	08/30/25 21:14
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	78687	DS	EET ATL	08/29/25 13:28
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	81708	KB	EET ATL	09/12/25 12:06
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	79647	MD	EET ATL	09/03/25 21:57
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	80039	MD	EET ATL	09/05/25 16:40
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	80630	MD	EET ATL	09/09/25 17:04
Total/NA	Prep	7470A			80201	GR	EET ATL	09/08/25 12:26
Total/NA	Analysis	7470A		1	80936	GR	EET ATL	09/08/25 19:41
Total/NA	Analysis	2540C - 2015		1	77799	NN	EET ATL	08/27/25 12:00

Client Sample ID: WAN-WGWC-30
Lab Sample ID: 705-40790-2

Date Collected: 08/20/25 13:46
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78640	MS	EET ATL	08/30/25 21:49
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	78687	DS	EET ATL	08/29/25 14:08
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	81708	KB	EET ATL	09/12/25 12:11
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	79647	MD	EET ATL	09/03/25 21:41
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	80630	MD	EET ATL	09/09/25 16:54
Total/NA	Prep	7470A			80201	GR	EET ATL	09/08/25 12:26
Total/NA	Analysis	7470A		1	80936	GR	EET ATL	09/08/25 19:45
Total/NA	Analysis	2540C - 2015		1	77799	NN	EET ATL	08/27/25 12:00

Client Sample ID: WAN-WGWC-33
Lab Sample ID: 705-40790-3

Date Collected: 08/20/25 15:06
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78640	MS	EET ATL	08/30/25 22:00
Total/NA	Analysis	300.0		10	79130	MS	EET ATL	09/03/25 15:33
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	78687	DS	EET ATL	08/29/25 14:11
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	81708	KB	EET ATL	09/12/25 12:13

Client Sample ID: WAN-WGWC-33

Lab Sample ID: 705-40790-3

Date Collected: 08/20/25 15:06

Matrix: Water

Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	79647	MD	EET ATL	09/03/25 22:01
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	80630	MD	EET ATL	09/09/25 17:08
Total/NA	Prep	7470A			80201	GR	EET ATL	09/08/25 12:26
Total/NA	Analysis	7470A		1	80936	GR	EET ATL	09/08/25 19:48
Total/NA	Analysis	2540C - 2015		1	77799	NN	EET ATL	08/27/25 12:00

Client Sample ID: WAN-WGWC-32

Lab Sample ID: 705-40790-4

Date Collected: 08/20/25 15:02

Matrix: Water

Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78640	MS	EET ATL	08/30/25 22:12
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	78687	DS	EET ATL	08/29/25 14:14
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	81708	KB	EET ATL	09/12/25 12:15
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	79647	MD	EET ATL	09/03/25 22:04
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	80630	MD	EET ATL	09/09/25 17:11
Total/NA	Prep	7470A			80201	GR	EET ATL	09/08/25 12:26
Total/NA	Analysis	7470A		1	80936	GR	EET ATL	09/08/25 19:52
Total/NA	Analysis	2540C - 2015		1	77799	NN	EET ATL	08/27/25 12:00

Client Sample ID: WAN-AP1-FD-09

Lab Sample ID: 705-40790-5

Date Collected: 08/20/25 00:00

Matrix: Water

Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78640	MS	EET ATL	08/30/25 22:23
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	78687	DS	EET ATL	08/29/25 14:17
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	81708	KB	EET ATL	09/12/25 12:20
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	79647	MD	EET ATL	09/03/25 22:28
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	80630	MD	EET ATL	09/09/25 17:14
Total/NA	Prep	7470A			80201	GR	EET ATL	09/08/25 12:26
Total/NA	Analysis	7470A		1	80936	GR	EET ATL	09/08/25 19:56
Total/NA	Analysis	2540C - 2015		1	77799	NN	EET ATL	08/27/25 12:00

Client Sample ID: WAN-WGWC-40
Lab Sample ID: 705-40790-6

Date Collected: 08/20/25 15:11
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	78640	MS	EET ATL	08/30/25 22:34
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	78687	DS	EET ATL	08/29/25 17:18
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	81708	KB	EET ATL	09/12/25 12:21
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	79647	MD	EET ATL	09/03/25 22:31
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	80630	MD	EET ATL	09/09/25 17:18
Total/NA	Prep	7470A			80201	GR	EET ATL	09/08/25 12:26
Total/NA	Analysis	7470A		1	80936	GR	EET ATL	09/08/25 20:00
Total/NA	Analysis	2540C - 2015		1	77799	NN	EET ATL	08/27/25 12:00

Client Sample ID: WAN-AP1-EB-09
Lab Sample ID: 705-40790-7

Date Collected: 08/20/25 17:00
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	79439	MS	EET ATL	09/04/25 18:15
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	78687	DS	EET ATL	08/29/25 17:21
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	81708	KB	EET ATL	09/12/25 12:23
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	79647	MD	EET ATL	09/03/25 22:34
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	80630	MD	EET ATL	09/09/25 17:41
Total/NA	Prep	7470A			80208	GR	EET ATL	09/08/25 13:31
Total/NA	Analysis	7470A		1	80304	GR	EET ATL	09/08/25 16:56
Total/NA	Analysis	2540C - 2015		1	77799	NN	EET ATL	08/27/25 12:00

Client Sample ID: WAN-WGWC-31S
Lab Sample ID: 705-40790-8

Date Collected: 08/20/25 16:14
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	79439	MS	EET ATL	09/04/25 21:17
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	78687	DS	EET ATL	08/29/25 17:24
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	81708	KB	EET ATL	09/12/25 12:25
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	79647	MD	EET ATL	09/03/25 22:38

Lab Chronicle

Client: Southern Company
Job ID: 705-40790-1
Project/Site: Plant Wansley Ash Pond Quarterly 1

Client Sample ID: WAN-WGWC-31S
Lab Sample ID: 705-40790-8

Date Collected: 08/20/25 16:14
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	80630	MD	EET ATL	09/09/25 17:45
Total/NA	Prep	7470A			80208	GR	EET ATL	09/08/25 13:31
Total/NA	Analysis	7470A		1	80304	GR	EET ATL	09/08/25 17:54
Total/NA	Analysis	2540C - 2015		1	77799	NN	EET ATL	08/27/25 12:00

Client Sample ID: WAN-AP1-FB-15
Lab Sample ID: 705-40790-9

Date Collected: 08/20/25 16:35
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	79439	MS	EET ATL	09/04/25 21:29
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	78687	DS	EET ATL	08/29/25 18:09
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	81708	KB	EET ATL	09/12/25 12:26
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	79647	MD	EET ATL	09/03/25 22:41
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	80630	MD	EET ATL	09/09/25 17:48
Total/NA	Prep	7470A			80208	GR	EET ATL	09/08/25 13:31
Total/NA	Analysis	7470A		1	80304	GR	EET ATL	09/08/25 17:58
Total/NA	Analysis	2540C - 2015		1	77799	NN	EET ATL	08/27/25 12:00

Client Sample ID: WAN-WGWC-38D
Lab Sample ID: 705-40790-10

Date Collected: 08/20/25 16:50
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	79439	MS	EET ATL	09/04/25 21:40
Total/NA	Analysis	300.0		50	79960	MS	EET ATL	09/06/25 19:03
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		20	78920	DAB	EET ATL	09/02/25 11:51
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	78687	DS	EET ATL	08/29/25 18:12
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	81708	KB	EET ATL	09/12/25 12:28
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	79647	MD	EET ATL	09/03/25 22:45
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	80630	MD	EET ATL	09/09/25 17:51
Total/NA	Prep	7470A			80208	GR	EET ATL	09/08/25 13:31
Total/NA	Analysis	7470A		1	80304	GR	EET ATL	09/08/25 18:01
Total/NA	Analysis	2540C - 2015		1	77799	NN	EET ATL	08/27/25 12:00

Lab Chronicle

Client: Southern Company
Job ID: 705-40790-1
Project/Site: Plant Wansley Ash Pond Quarterly 1

Client Sample ID: WAN-WGWC-41
Lab Sample ID: 705-40790-11
Date Collected: 08/21/25 09:07
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	79439	MS	EET ATL	09/04/25 23:46
Total/NA	Analysis	300.0		1	79760	MS	EET ATL	09/05/25 20:56
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	78687	DS	EET ATL	08/29/25 18:15
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	81715	KB	EET ATL	09/12/25 16:00
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	79647	MD	EET ATL	09/03/25 22:48
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	80773	MD	EET ATL	09/10/25 14:25
Total/NA	Prep	7470A			80208	GR	EET ATL	09/08/25 13:31
Total/NA	Analysis	7470A		1	80304	GR	EET ATL	09/08/25 18:05
Total/NA	Analysis	2540C - 2015		1	77799	NN	EET ATL	08/27/25 12:00

Client Sample ID: WAN-WGWC-31D
Lab Sample ID: 705-40790-12
Date Collected: 08/21/25 09:13
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	79439	MS	EET ATL	09/04/25 21:52
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	78687	DS	EET ATL	08/29/25 18:24
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	81715	KB	EET ATL	09/12/25 16:05
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	79647	MD	EET ATL	09/03/25 22:51
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	80630	MD	EET ATL	09/09/25 17:58
Total/NA	Prep	7470A			80208	GR	EET ATL	09/08/25 13:31
Total/NA	Analysis	7470A		1	80304	GR	EET ATL	09/08/25 18:09
Total/NA	Analysis	2540C - 2015		1	77799	NN	EET ATL	08/27/25 12:00

Client Sample ID: WAN-WGWC-38S
Lab Sample ID: 705-40790-13
Date Collected: 08/21/25 11:33
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		20	79439	MS	EET ATL	09/05/25 02:14
Total/NA	Analysis	300.0		20	79760	MS	EET ATL	09/05/25 21:07
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	78687	DS	EET ATL	08/29/25 18:28
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	81715	KB	EET ATL	09/12/25 16:07

Client Sample ID: WAN-WGWC-38S

Lab Sample ID: 705-40790-13

Date Collected: 08/21/25 11:33

Matrix: Water

Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	79647	MD	EET ATL	09/03/25 22:55
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	80039	MD	EET ATL	09/05/25 17:37
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	80630	MD	EET ATL	09/09/25 18:01
Total/NA	Prep	7470A			80208	GR	EET ATL	09/08/25 13:31
Total/NA	Analysis	7470A		1	80304	GR	EET ATL	09/08/25 18:30
Total/NA	Analysis	2540C - 2015		1	77799	NN	EET ATL	08/27/25 12:00

Client Sample ID: WAN-WGWC-39

Lab Sample ID: 705-40790-14

Date Collected: 08/21/25 12:11

Matrix: Water

Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	79439	MS	EET ATL	09/04/25 22:37
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	78687	DS	EET ATL	08/29/25 18:31
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	81715	KB	EET ATL	09/12/25 16:09
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	79647	MD	EET ATL	09/03/25 22:58
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	80630	MD	EET ATL	09/09/25 18:05
Total/NA	Prep	7470A			80208	GR	EET ATL	09/08/25 13:31
Total/NA	Analysis	7470A		1	80304	GR	EET ATL	09/08/25 18:34
Total/NA	Analysis	2540C - 2015		1	77799	NN	EET ATL	08/27/25 12:00

Client Sample ID: WAN-AP1-EB-10

Lab Sample ID: 705-40790-15

Date Collected: 08/21/25 12:30

Matrix: Water

Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	79439	MS	EET ATL	09/04/25 22:49
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	78687	DS	EET ATL	08/29/25 18:34
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	81715	KB	EET ATL	09/12/25 16:10
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	79647	MD	EET ATL	09/03/25 23:22
Total/NA	Prep	7470A			80208	GR	EET ATL	09/08/25 13:31
Total/NA	Analysis	7470A		1	80304	GR	EET ATL	09/08/25 18:37
Total/NA	Analysis	2540C - 2015		1	77799	NN	EET ATL	08/27/25 12:00

Lab Chronicle

Client: Southern Company
Job ID: 705-40790-1
Project/Site: Plant Wansley Ash Pond Quarterly 1

Client Sample ID: WAN-WGWC-36S
Lab Sample ID: 705-40790-16
Date Collected: 08/21/25 13:07
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	79439	MS	EET ATL	09/05/25 02:03
Total/NA	Analysis	300.0		10	79760	MS	EET ATL	09/05/25 21:53
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	78687	DS	EET ATL	08/29/25 18:37
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	81715	KB	EET ATL	09/12/25 16:12
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	79647	MD	EET ATL	09/03/25 23:25
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	80039	MD	EET ATL	09/05/25 17:44
Total/NA	Prep	7470A			80208	GR	EET ATL	09/08/25 13:31
Total/NA	Analysis	7470A		1	80304	GR	EET ATL	09/08/25 18:41
Total/NA	Analysis	2540C - 2015		1	77799	NN	EET ATL	08/27/25 12:00

Client Sample ID: WAN-WGWC-37S
Lab Sample ID: 705-40790-17
Date Collected: 08/21/25 15:10
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	79439	MS	EET ATL	09/04/25 23:12
Total/NA	Analysis	300.0		20	79760	MS	EET ATL	09/05/25 22:04
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	78687	DS	EET ATL	08/29/25 18:40
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	81715	KB	EET ATL	09/12/25 16:13
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	79647	MD	EET ATL	09/03/25 23:28
Total/NA	Prep	7470A			80208	GR	EET ATL	09/08/25 13:31
Total/NA	Analysis	7470A		1	80304	GR	EET ATL	09/08/25 18:45
Total/NA	Analysis	2540C - 2015		1	77799	NN	EET ATL	08/27/25 12:00

Client Sample ID: WAN-WGWC-34D
Lab Sample ID: 705-40790-18
Date Collected: 08/21/25 15:00
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	79439	MS	EET ATL	09/04/25 23:00
Total/NA	Analysis	300.0		10	79760	MS	EET ATL	09/05/25 22:16
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	78687	DS	EET ATL	08/29/25 18:43
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	81715	KB	EET ATL	09/12/25 16:15
Total/NA	Prep	3010A			78050	AA	EET ATL	08/28/25 11:36
Total/NA	Analysis	6010D		1	81869	KB	EET ATL	09/12/25 19:52

Lab Chronicle

Client: Southern Company
Job ID: 705-40790-1
Project/Site: Plant Wansley Ash Pond Quarterly 1

Client Sample ID: WAN-WGWC-34D
Lab Sample ID: 705-40790-18

Date Collected: 08/21/25 15:00
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	79647	MD	EET ATL	09/03/25 23:32
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	80039	MD	EET ATL	09/05/25 17:47
Total Recoverable	Prep	3005A			78054	SA	EET ATL	08/28/25 10:10
Total Recoverable	Analysis	6020B		1	80630	MD	EET ATL	09/09/25 18:08
Total/NA	Prep	7470A			80208	GR	EET ATL	09/08/25 13:31
Total/NA	Analysis	7470A		1	80304	GR	EET ATL	09/08/25 18:49
Total/NA	Analysis	2540C - 2015		1	77799	NN	EET ATL	08/27/25 12:00

Laboratory References:

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

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-40790-1
Project/Site: Plant Wansley Ash Pond Quarterly 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 9/26/2025 3:05:38 PM

JOB DESCRIPTION

Plant Wansley Ash Pond Quarterly 1

JOB NUMBER

705-40790-2

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

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

Authorization



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9/26/2025 3:05:38 PM

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

Sample Summary

Client: Southern Company
Job ID: 705-40790-2
Project/Site: Plant Wansley Ash Pond Quarterly 1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-40790-1	WAN-WGWC-42	Water	08/20/25 09:28	08/22/25 10:33	Georgia
705-40790-2	WAN-WGWC-30	Water	08/20/25 13:46	08/22/25 10:33	Georgia
705-40790-3	WAN-WGWC-33	Water	08/20/25 15:06	08/22/25 10:33	Georgia
705-40790-4	WAN-WGWC-32	Water	08/20/25 15:02	08/22/25 10:33	Georgia
705-40790-5	WAN-AP1-FD-09	Water	08/20/25 00:00	08/22/25 10:33	Georgia
705-40790-6	WAN-WGWC-40	Water	08/20/25 15:11	08/22/25 10:33	Georgia
705-40790-7	WAN-AP1-EB-09	Water	08/20/25 17:00	08/22/25 10:33	Georgia
705-40790-8	WAN-WGWC-31S	Water	08/20/25 16:14	08/22/25 10:33	Georgia
705-40790-9	WAN-AP1-FB-15	Water	08/20/25 16:35	08/22/25 10:33	Georgia
705-40790-10	WAN-WGWC-38D	Water	08/20/25 16:50	08/22/25 10:33	Georgia
705-40790-11	WAN-WGWC-41	Water	08/21/25 09:07	08/22/25 10:33	Georgia
705-40790-12	WAN-WGWC-31D	Water	08/21/25 09:13	08/22/25 10:33	Georgia
705-40790-13	WAN-WGWC-38S	Water	08/21/25 11:33	08/22/25 10:33	Georgia
705-40790-14	WAN-WGWC-39	Water	08/21/25 12:11	08/22/25 10:33	Georgia
705-40790-15	WAN-AP1-EB-10	Water	08/21/25 12:30	08/22/25 10:33	Georgia
705-40790-16	WAN-WGWC-36S	Water	08/21/25 13:07	08/22/25 10:33	Georgia
705-40790-17	WAN-WGWC-37S	Water	08/21/25 15:10	08/22/25 10:33	Georgia
705-40790-18	WAN-WGWC-34D	Water	08/21/25 15:00	08/22/25 10:33	Georgia

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: ACC T. Goble / H. Auld / J. May / D. Johnson	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 Quarterly 1	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Task_Code: WAN-CCR-OTH-2025 0820

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:					X	X	I	I	D	D	D	D	D	D	D					X
WAN- WGWC-42	08/20/25	0928	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- WGWC-30	08/20/25	1346	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- WGWC-33	08/20/25	1506	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- WGWC-32	08/20/25	1502	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- API-FD-09	08/20/25	—	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- WGWC-40	08/20/25	1511	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- API-EB-09	08/20/25	1700	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- WGWC-315	08/20/25	1614	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- API-FB-15	08/20/25	1635	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- WGWC-38D	08/20/25	1650	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- WGWC-41	08/21/25	0907	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5

705-40790 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:

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	8-22-25/1033	ACC		8.22.25 10:33	
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Custody Seals Intact: △ Yes △ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: Q # 2665 3.1 1.2 2.0 1.9 1.7

Ver: 01/16/2019

9/26/2025

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: ACC T. Goble/H. Ard/D. Johnson/S May	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 Quarterly 1	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-2025 0820

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-31D	08/21/25	0913	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-38S	08/21/25	1133	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-39	08/21/25	1211	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- API-EB-10	08/21/25	1230	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-36S	08/21/25	1307	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-37S	08/21/25	1510	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-34D	08/21/25	1500	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										

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

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

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

Special Instructions/QC Requirements:

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

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	8-22-25/1033	ACC		8.22.25 10:[illegible]	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: cl # 2665 3.1 1.2 2.0 1.9 1.7

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-40790-2

Login Number: 40790

List Source: Eurofins Atlanta

List Number: 1

Creator: Gay, Dalton

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: 705-40790-2

Login Number: 40790
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 08/26/25 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.

Definitions/Glossary

Client: Southern Company
Job ID: 705-40790-2
Project/Site: Plant Wansley Ash Pond Quarterly 1

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: 705-40790-2 Eurofins Atlanta

Job Narrative
705-40790-2

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 8/22/2025 10:33 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 1.2°C, 1.7°C, 1.9°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.

Client Sample ID: WAN-WGWC-42
Lab Sample ID: 705-40790-1

Date Collected: 08/20/25 09:28
Matrix: Water
Date Received: 08/22/25 10:33

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.320	U	0.259	0.261	1.00	0.394	pCi/L	08/29/25 10:57	09/25/25 19:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.2*		*30 - 110*	*08/29/25 10:57*	*09/25/25 19:25*	*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	**0.929**		0.402	0.411	1.00	0.538	pCi/L	08/29/25 11:00	09/25/25 11:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.2*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:51*	*1*
Y Carrier	*82.6*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:51*	*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	**1.25**		0.478	0.487	5.00	0.538	pCi/L		09/26/25 11:37	1

Client Sample ID: WAN-WGWC-30
Lab Sample ID: 705-40790-2

Date Collected: 08/20/25 13:46
Matrix: Water
Date Received: 08/22/25 10:33

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.321	U	0.232	0.234	1.00	0.337	pCi/L	08/29/25 10:57	09/25/25 19:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.3*		*30 - 110*	*08/29/25 10:57*	*09/25/25 19:25*	*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	**1.06**		0.400	0.412	1.00	0.509	pCi/L	08/29/25 11:00	09/25/25 11:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.3*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:51*	*1*
Y Carrier	*81.9*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:51*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 1

Job ID: 705-40790-2

Client Sample ID: WAN-WGWC-30

Lab Sample ID: 705-40790-2

Date Collected: 08/20/25 13:46
Matrix: Water
Date Received: 08/22/25 10:33

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	1.38		0.462	0.474	5.00	0.509	pCi/L		09/26/25 11:37	1

Client Sample ID: WAN-WGWC-33

Lab Sample ID: 705-40790-3

Date Collected: 08/20/25 15:06
Matrix: Water
Date Received: 08/22/25 10:33

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	5.66		0.694	0.861	1.00	0.283	pCi/L	08/29/25 10:57	09/25/25 19:26	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.4*		*30 - 110*	*08/29/25 10:57*	*09/25/25 19:26*	*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	13.5		1.12	1.67	1.00	0.557	pCi/L	08/29/25 11:00	09/25/25 11:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.4*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:51*	*1*
Y Carrier	*82.2*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:51*	*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	19.2		1.32	1.88	5.00	0.557	pCi/L		09/26/25 11:37	1

Client Sample ID: WAN-WGWC-32

Lab Sample ID: 705-40790-4

Date Collected: 08/20/25 15:02
Matrix: Water
Date Received: 08/22/25 10:33

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	2.37		0.454	0.502	1.00	0.273	pCi/L	08/29/25 10:57	09/25/25 19:26	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.9*		*30 - 110*	*08/29/25 10:57*	*09/25/25 19:26*	*1*

Client Sample ID: WAN-WGWC-32
Lab Sample ID: 705-40790-4

Date Collected: 08/20/25 15:02
Matrix: Water
Date Received: 08/22/25 10:33

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**2.54**		0.535	0.584	1.00	0.520	pCi/L	08/29/25 11:00	09/25/25 11:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.9*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:51*	*1*
Y Carrier	*82.6*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:51*	*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	**4.91**		0.702	0.770	5.00	0.520	pCi/L		09/26/25 11:37	1

Client Sample ID: WAN-AP1-FD-09
Lab Sample ID: 705-40790-5

Date Collected: 08/20/25 00:00
Matrix: Water
Date Received: 08/22/25 10:33

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.201	U	0.171	0.172	1.00	0.248	pCi/L	08/29/25 10:57	09/25/25 19:26	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.1*		*30 - 110*	*08/29/25 10:57*	*09/25/25 19:26*	*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	**1.93**		0.499	0.530	1.00	0.541	pCi/L	08/29/25 11:00	09/25/25 11:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.1*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:51*	*1*
Y Carrier	*80.0*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:51*	*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	**2.13**		0.527	0.557	5.00	0.541	pCi/L		09/26/25 11:37	1

Client Sample ID: WAN-WGWC-40

Lab Sample ID: 705-40790-6

Date Collected: 08/20/25 15:11

Matrix: Water

Date Received: 08/22/25 10:33

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.661		0.285	0.291	1.00	0.331	pCi/L	08/29/25 10:57	09/25/25 19:26	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.9*		*30 - 110*	*08/29/25 10:57*	*09/25/25 19:26*	*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	1.86		0.501	0.529	1.00	0.569	pCi/L	08/29/25 11:00	09/25/25 11:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.9*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:51*	*1*
Y Carrier	*83.4*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:51*	*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		0.576	0.604	5.00	0.569	pCi/L		09/26/25 11:37	1

Client Sample ID: WAN-AP1-EB-09

Lab Sample ID: 705-40790-7

Date Collected: 08/20/25 17:00

Matrix: Water

Date Received: 08/22/25 10:33

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.339		0.229	0.231	1.00	0.317	pCi/L	08/29/25 10:57	09/25/25 19:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.0*		*30 - 110*	*08/29/25 10:57*	*09/25/25 19:27*	*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	0.302	U	0.346	0.347	1.00	0.568	pCi/L	08/29/25 11:00	09/25/25 11:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.0*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:51*	*1*
Y Carrier	*77.0*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:51*	*1*

Client: Southern Company
Job ID: 705-40790-2
Project/Site: Plant Wansley Ash Pond Quarterly 1

Client Sample ID: WAN-AP1-EB-09
Lab Sample ID: 705-40790-7
Date Collected: 08/20/25 17:00
Matrix: Water
Date Received: 08/22/25 10:33

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	0.642		0.415	0.417	5.00	0.568	pCi/L		09/26/25 11:37	1

Client Sample ID: WAN-WGWC-31S
Lab Sample ID: 705-40790-8
Date Collected: 08/20/25 16:14
Matrix: Water
Date Received: 08/22/25 10:33

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	U	0.227	0.229	1.00	0.322	pCi/L	08/29/25 10:57	09/25/25 19:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.4*		*30 - 110*	*08/29/25 10:57*	*09/25/25 19:27*	*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		0.372	0.379	1.00	0.516	pCi/L	08/29/25 11:00	09/25/25 11:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.4*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:51*	*1*
Y Carrier	*79.3*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:51*	*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	1.05		0.436	0.443	5.00	0.516	pCi/L		09/26/25 11:37	1

Client Sample ID: WAN-AP1-FB-15
Lab Sample ID: 705-40790-9
Date Collected: 08/20/25 16:35
Matrix: Water
Date Received: 08/22/25 10:33

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.153	U	0.172	0.172	1.00	0.274	pCi/L	08/29/25 10:57	09/25/25 19:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.7*		*30 - 110*	*08/29/25 10:57*	*09/25/25 19:27*	*1*

Client Sample ID: WAN-AP1-FB-15

Lab Sample ID: 705-40790-9

Date Collected: 08/20/25 16:35
Matrix: Water
Date Received: 08/22/25 10:33

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.862		0.383	0.391	1.00	0.502	pCi/L	08/29/25 11:00	09/25/25 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.7*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:52*	*1*
Y Carrier	*80.4*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:52*	*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	1.02		0.420	0.427	5.00	0.502	pCi/L		09/26/25 11:37	1

Client Sample ID: WAN-WGWC-38D

Lab Sample ID: 705-40790-10

Date Collected: 08/20/25 16:50
Matrix: Water
Date Received: 08/22/25 10:33

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	2.59		0.524	0.573	1.00	0.372	pCi/L	08/29/25 10:57	09/25/25 19:33	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.4*		*30 - 110*	*08/29/25 10:57*	*09/25/25 19:33*	*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	12.2		1.12	1.59	1.00	0.608	pCi/L	08/29/25 11:00	09/25/25 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.4*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:52*	*1*
Y Carrier	*83.0*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:52*	*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	14.8		1.24	1.69	5.00	0.608	pCi/L		09/26/25 11:37	1

Client Sample ID: WAN-WGWC-41
Lab Sample ID: 705-40790-11

Date Collected: 08/21/25 09:07
Matrix: Water
Date Received: 08/22/25 10:33

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.26		0.380	0.397	1.00	0.332	pCi/L	08/29/25 10:57	09/25/25 19:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.2*		*30 - 110*	*08/29/25 10:57*	*09/25/25 19:34*	*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	3.59		0.727	0.798	1.00	0.732	pCi/L	08/29/25 11:00	09/25/25 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.2*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:52*	*1*
Y Carrier	*78.9*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:52*	*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	4.84		0.820	0.891	5.00	0.732	pCi/L		09/26/25 11:37	1

Client Sample ID: WAN-WGWC-31D
Lab Sample ID: 705-40790-12

Date Collected: 08/21/25 09:13
Matrix: Water
Date Received: 08/22/25 10:33

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.380	U	0.307	0.309	1.00	0.452	pCi/L	08/29/25 10:57	09/25/25 19:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.6*		*30 - 110*	*08/29/25 10:57*	*09/25/25 19:34*	*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	0.844	U	0.567	0.572	1.00	0.857	pCi/L	08/29/25 11:00	09/25/25 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.6*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:52*	*1*
Y Carrier	*79.6*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:52*	*1*

Client Sample ID: WAN-WGWC-31D
Lab Sample ID: 705-40790-12

Date Collected: 08/21/25 09:13
Matrix: Water
Date Received: 08/22/25 10:33

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	1.22		0.645	0.650	5.00	0.857	pCi/L		09/26/25 11:37	1

Client Sample ID: WAN-WGWC-38S
Lab Sample ID: 705-40790-13

Date Collected: 08/21/25 11:33
Matrix: Water
Date Received: 08/22/25 10:33

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.424		0.287	0.290	1.00	0.414	pCi/L	08/29/25 10:57	09/25/25 19:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.7*		*30 - 110*	*08/29/25 10:57*	*09/25/25 19:34*	*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	1.45		0.449	0.469	1.00	0.510	pCi/L	08/29/25 11:00	09/25/25 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.7*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:52*	*1*
Y Carrier	*83.4*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:52*	*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	1.88		0.533	0.551	5.00	0.510	pCi/L		09/26/25 11:37	1

Client Sample ID: WAN-WGWC-39
Lab Sample ID: 705-40790-14

Date Collected: 08/21/25 12:11
Matrix: Water
Date Received: 08/22/25 10:33

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.888		0.333	0.343	1.00	0.368	pCi/L	08/29/25 10:57	09/25/25 19:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.5*		*30 - 110*	*08/29/25 10:57*	*09/25/25 19:34*	*1*

Client Sample ID: WAN-WGWC-39
Lab Sample ID: 705-40790-14

Date Collected: 08/21/25 12:11
Matrix: Water
Date Received: 08/22/25 10:33

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.28		0.438	0.453	1.00	0.522	pCi/L	08/29/25 11:00	09/25/25 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.5*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:52*	*1*
Y Carrier	*80.7*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:52*	*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	2.17		0.550	0.568	5.00	0.522	pCi/L		09/26/25 11:37	1

Client Sample ID: WAN-AP1-EB-10
Lab Sample ID: 705-40790-15

Date Collected: 08/21/25 12:30
Matrix: Water
Date Received: 08/22/25 10:33

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.470		0.278	0.281	1.00	0.380	pCi/L	08/29/25 10:57	09/25/25 19:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.2*		*30 - 110*	*08/29/25 10:57*	*09/25/25 19:34*	*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	0.811		0.409	0.416	1.00	0.572	pCi/L	08/29/25 11:00	09/25/25 11:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.2*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:52*	*1*
Y Carrier	*77.0*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:52*	*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	1.28		0.495	0.502	5.00	0.572	pCi/L		09/26/25 11:37	1

Client Sample ID: WAN-WGWC-36S

Lab Sample ID: 705-40790-16

Date Collected: 08/21/25 13:07

Matrix: Water

Date Received: 08/22/25 10:33

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.538**		0.302	0.306	1.00	0.386	pCi/L	08/29/25 10:57	09/25/25 19:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*71.4*		*30 - 110*	*08/29/25 10:57*	*09/25/25 19:34*	*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	0.516	U	0.468	0.471	1.00	0.745	pCi/L	08/29/25 11:00	09/25/25 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*71.4*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:48*	*1*
Y Carrier	*79.3*		*30 - 110*	*08/29/25 11:00*	*09/25/25 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	**1.05**		0.557	0.562	5.00	0.745	pCi/L		09/26/25 11:37	1

Client Sample ID: WAN-WGWC-37S

Lab Sample ID: 705-40790-17

Date Collected: 08/21/25 15:10

Matrix: Water

Date Received: 08/22/25 10:33

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**3.04**		0.529	0.595	1.00	0.307	pCi/L	08/29/25 10:57	09/25/25 19:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.6*		*30 - 110*	*08/29/25 10:57*	*09/25/25 19:34*	*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	**6.15**		0.758	0.946	1.00	0.506	pCi/L	08/29/25 11:00	09/25/25 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.6*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:48*	*1*
Y Carrier	*84.9*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:48*	*1*

Client Sample ID: WAN-WGWC-37S
Lab Sample ID: 705-40790-17

Date Collected: 08/21/25 15:10
Matrix: Water
Date Received: 08/22/25 10:33

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	9.19		0.924	1.12	5.00	0.506	pCi/L		09/26/25 11:37	1

Client Sample ID: WAN-WGWC-34D
Lab Sample ID: 705-40790-18

Date Collected: 08/21/25 15:00
Matrix: Water
Date Received: 08/22/25 10:33

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.754		0.292	0.300	1.00	0.300	pCi/L	08/29/25 10:57	09/25/25 19:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.2*		*30 - 110*	*08/29/25 10:57*	*09/25/25 19:34*	*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	0.750		0.390	0.396	1.00	0.551	pCi/L	08/29/25 11:00	09/25/25 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.2*		*30 - 110*	*08/29/25 11:00*	*09/25/25 11:48*	*1*
Y Carrier	*84.1*		*30 - 110*	*08/29/25 11:00*	*09/25/25 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	1.50		0.487	0.497	5.00	0.551	pCi/L		09/26/25 11:37	1

Tracer/Carrier Summary

Client: Southern Company
Job ID: 705-40790-2
Project/Site: Plant Wansley Ash Pond Quarterly 1

Method: 9315 - Radium-226 (GFPC)

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

		Percent Yield (Acceptance Limits)
Lab Sample ID	Client Sample ID	Ba (30-110)
705-40790-1	WAN-WGWC-42	93.2
705-40790-2	WAN-WGWC-30	96.3
705-40790-3	WAN-WGWC-33	94.4
705-40790-4	WAN-WGWC-32	94.9
705-40790-5	WAN-AP1-FD-09	94.1
705-40790-6	WAN-WGWC-40	92.9
705-40790-7	WAN-AP1-EB-09	91.0
705-40790-8	WAN-WGWC-31S	94.4
705-40790-9	WAN-AP1-FB-15	90.7
705-40790-10	WAN-WGWC-38D	82.4
705-40790-11	WAN-WGWC-41	81.2
705-40790-12	WAN-WGWC-31D	86.6
705-40790-13	WAN-WGWC-38S	89.7
705-40790-13 DU	WAN-WGWC-38S	93.9
705-40790-14	WAN-WGWC-39	90.5
705-40790-15	WAN-AP1-EB-10	92.2
705-40790-16	WAN-WGWC-36S	71.4
705-40790-17	WAN-WGWC-37S	94.6
705-40790-18	WAN-WGWC-34D	90.2
LCS 160-734206/2-A	Lab Control Sample	93.2
MB 160-734206/1-A	Method Blank	94.9

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)
705-40790-1	WAN-WGWC-42	93.2	82.6
705-40790-2	WAN-WGWC-30	96.3	81.9
705-40790-3	WAN-WGWC-33	94.4	82.2
705-40790-4	WAN-WGWC-32	94.9	82.6
705-40790-5	WAN-AP1-FD-09	94.1	80.0
705-40790-6	WAN-WGWC-40	92.9	83.4
705-40790-7	WAN-AP1-EB-09	91.0	77.0
705-40790-8	WAN-WGWC-31S	94.4	79.3
705-40790-9	WAN-AP1-FB-15	90.7	80.4
705-40790-10	WAN-WGWC-38D	82.4	83.0
705-40790-11	WAN-WGWC-41	81.2	78.9
705-40790-12	WAN-WGWC-31D	86.6	79.6
705-40790-13	WAN-WGWC-38S	89.7	83.4
705-40790-13 DU	WAN-WGWC-38S	93.9	82.2
705-40790-14	WAN-WGWC-39	90.5	80.7
705-40790-15	WAN-AP1-EB-10	92.2	77.0
705-40790-16	WAN-WGWC-36S	71.4	79.3
705-40790-17	WAN-WGWC-37S	94.6	84.9
705-40790-18	WAN-WGWC-34D	90.2	84.1

Tracer/Carrier Summary

Client: Southern Company
Job ID: 705-40790-2
Project/Site: Plant Wansley Ash Pond Quarterly 1

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)								
LCS 160-734207/2-A	Lab Control Sample	93.2	78.5								
MB 160-734207/1-A	Method Blank	94.9	80.4								

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method Summary

Client: Southern Company
Job ID: 705-40790-2
Project/Site: Plant Wansley Ash Pond Quarterly 1

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

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-734206/1-A
Matrix: Water
Analysis Batch: 737619

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734206

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1381	U	0.175	0.175	1.00	0.290	pCi/L	08/29/25 10:57	09/25/25 19:25	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	94.9		30 - 110	08/29/25 10:57	09/25/25 19:25	1

Lab Sample ID: LCS 160-734206/2-A
Matrix: Water
Analysis Batch: 737619

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734206

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	9.178		1.21	1.00	0.275	pCi/L	96	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	93.2		30 - 110

Lab Sample ID: 705-40790-13 DU
Matrix: Water
Analysis Batch: 737637

Client Sample ID: WAN-WGWC-38S
Prep Type: Total/NA
Prep Batch: 734206

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.424			0.3194	U	0.245	1.00	0.358	pCi/L			0.20	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	93.9		30 - 110

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-734207/1-A
Matrix: Water
Analysis Batch: 737637

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734207

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2447	U	0.319	0.320	1.00	0.532	pCi/L	08/29/25 11:00	09/25/25 11:51	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	94.9		30 - 110	08/29/25 11:00	09/25/25 11:51	1
Y Carrier	80.4		30 - 110	08/29/25 11:00	09/25/25 11:51	1

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

Lab Sample ID: LCS 160-734207/2-A
Matrix: Water
Analysis Batch: 737637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734207

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.04	10.42		1.39	1.00	0.499	pCi/L	115	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*93.2*		*30 - 110*
Y Carrier	*78.5*		*30 - 110*

Lab Sample ID: 705-40790-13 DU
Matrix: Water
Analysis Batch: 737637

Client Sample ID: WAN-WGWC-38S
Prep Type: Total/NA
Prep Batch: 734207

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	1.45			1.542		0.513	1.00	0.612	pCi/L			0.09	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*93.9*		*30 - 110*
Y Carrier	*82.2*		*30 - 110*

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Prep Batch: 734206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40790-1	WAN-WGWC-42	Total/NA	Water	PrecSep-21	
705-40790-2	WAN-WGWC-30	Total/NA	Water	PrecSep-21	
705-40790-3	WAN-WGWC-33	Total/NA	Water	PrecSep-21	
705-40790-4	WAN-WGWC-32	Total/NA	Water	PrecSep-21	
705-40790-5	WAN-AP1-FD-09	Total/NA	Water	PrecSep-21	
705-40790-6	WAN-WGWC-40	Total/NA	Water	PrecSep-21	
705-40790-7	WAN-AP1-EB-09	Total/NA	Water	PrecSep-21	
705-40790-8	WAN-WGWC-31S	Total/NA	Water	PrecSep-21	
705-40790-9	WAN-AP1-FB-15	Total/NA	Water	PrecSep-21	
705-40790-10	WAN-WGWC-38D	Total/NA	Water	PrecSep-21	
705-40790-11	WAN-WGWC-41	Total/NA	Water	PrecSep-21	
705-40790-12	WAN-WGWC-31D	Total/NA	Water	PrecSep-21	
705-40790-13	WAN-WGWC-38S	Total/NA	Water	PrecSep-21	
705-40790-14	WAN-WGWC-39	Total/NA	Water	PrecSep-21	
705-40790-15	WAN-AP1-EB-10	Total/NA	Water	PrecSep-21	
705-40790-16	WAN-WGWC-36S	Total/NA	Water	PrecSep-21	
705-40790-17	WAN-WGWC-37S	Total/NA	Water	PrecSep-21	
705-40790-18	WAN-WGWC-34D	Total/NA	Water	PrecSep-21	
MB 160-734206/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-734206/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
705-40790-13 DU	WAN-WGWC-38S	Total/NA	Water	PrecSep-21	

Prep Batch: 734207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40790-1	WAN-WGWC-42	Total/NA	Water	PrecSep_0	
705-40790-2	WAN-WGWC-30	Total/NA	Water	PrecSep_0	
705-40790-3	WAN-WGWC-33	Total/NA	Water	PrecSep_0	
705-40790-4	WAN-WGWC-32	Total/NA	Water	PrecSep_0	
705-40790-5	WAN-AP1-FD-09	Total/NA	Water	PrecSep_0	
705-40790-6	WAN-WGWC-40	Total/NA	Water	PrecSep_0	
705-40790-7	WAN-AP1-EB-09	Total/NA	Water	PrecSep_0	
705-40790-8	WAN-WGWC-31S	Total/NA	Water	PrecSep_0	
705-40790-9	WAN-AP1-FB-15	Total/NA	Water	PrecSep_0	
705-40790-10	WAN-WGWC-38D	Total/NA	Water	PrecSep_0	
705-40790-11	WAN-WGWC-41	Total/NA	Water	PrecSep_0	
705-40790-12	WAN-WGWC-31D	Total/NA	Water	PrecSep_0	
705-40790-13	WAN-WGWC-38S	Total/NA	Water	PrecSep_0	
705-40790-14	WAN-WGWC-39	Total/NA	Water	PrecSep_0	
705-40790-15	WAN-AP1-EB-10	Total/NA	Water	PrecSep_0	
705-40790-16	WAN-WGWC-36S	Total/NA	Water	PrecSep_0	
705-40790-17	WAN-WGWC-37S	Total/NA	Water	PrecSep_0	
705-40790-18	WAN-WGWC-34D	Total/NA	Water	PrecSep_0	
MB 160-734207/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-734207/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
705-40790-13 DU	WAN-WGWC-38S	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: Southern Company
Job ID: 705-40790-2
Project/Site: Plant Wansley Ash Pond Quarterly 1

Client Sample ID: WAN-WGWC-42
Lab Sample ID: 705-40790-1
Date Collected: 08/20/25 09:28
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734206	JTR	EET SL	08/29/25 10:57
Total/NA	Analysis	9315		1	737619	SWS	EET SL	09/25/25 19:25
Total/NA	Prep	PrecSep_0			734207	JTR	EET SL	08/29/25 11:00
Total/NA	Analysis	9320		1	737637	SWS	EET SL	09/25/25 11:51
Total/NA	Analysis	Ra226_Ra228		1	737876	SCB	EET SL	09/26/25 11:37

Client Sample ID: WAN-WGWC-30
Lab Sample ID: 705-40790-2
Date Collected: 08/20/25 13:46
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734206	JTR	EET SL	08/29/25 10:57
Total/NA	Analysis	9315		1	737619	SWS	EET SL	09/25/25 19:25
Total/NA	Prep	PrecSep_0			734207	JTR	EET SL	08/29/25 11:00
Total/NA	Analysis	9320		1	737637	SWS	EET SL	09/25/25 11:51
Total/NA	Analysis	Ra226_Ra228		1	737876	SCB	EET SL	09/26/25 11:37

Client Sample ID: WAN-WGWC-33
Lab Sample ID: 705-40790-3
Date Collected: 08/20/25 15:06
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734206	JTR	EET SL	08/29/25 10:57
Total/NA	Analysis	9315		1	737619	SWS	EET SL	09/25/25 19:26
Total/NA	Prep	PrecSep_0			734207	JTR	EET SL	08/29/25 11:00
Total/NA	Analysis	9320		1	737637	SWS	EET SL	09/25/25 11:51
Total/NA	Analysis	Ra226_Ra228		1	737876	SCB	EET SL	09/26/25 11:37

Client Sample ID: WAN-WGWC-32
Lab Sample ID: 705-40790-4
Date Collected: 08/20/25 15:02
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734206	JTR	EET SL	08/29/25 10:57
Total/NA	Analysis	9315		1	737619	SWS	EET SL	09/25/25 19:26
Total/NA	Prep	PrecSep_0			734207	JTR	EET SL	08/29/25 11:00
Total/NA	Analysis	9320		1	737637	SWS	EET SL	09/25/25 11:51
Total/NA	Analysis	Ra226_Ra228		1	737876	SCB	EET SL	09/26/25 11:37

Lab Chronicle

Client: Southern Company
Job ID: 705-40790-2
Project/Site: Plant Wansley Ash Pond Quarterly 1

Client Sample ID: WAN-AP1-FD-09
Lab Sample ID: 705-40790-5
Date Collected: 08/20/25 00:00
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734206	JTR	EET SL	08/29/25 10:57
Total/NA	Analysis	9315		1	737619	SWS	EET SL	09/25/25 19:26
Total/NA	Prep	PrecSep_0			734207	JTR	EET SL	08/29/25 11:00
Total/NA	Analysis	9320		1	737637	SWS	EET SL	09/25/25 11:51
Total/NA	Analysis	Ra226_Ra228		1	737876	SCB	EET SL	09/26/25 11:37

Client Sample ID: WAN-WGWC-40
Lab Sample ID: 705-40790-6
Date Collected: 08/20/25 15:11
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734206	JTR	EET SL	08/29/25 10:57
Total/NA	Analysis	9315		1	737619	SWS	EET SL	09/25/25 19:26
Total/NA	Prep	PrecSep_0			734207	JTR	EET SL	08/29/25 11:00
Total/NA	Analysis	9320		1	737637	SWS	EET SL	09/25/25 11:51
Total/NA	Analysis	Ra226_Ra228		1	737876	SCB	EET SL	09/26/25 11:37

Client Sample ID: WAN-AP1-EB-09
Lab Sample ID: 705-40790-7
Date Collected: 08/20/25 17:00
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734206	JTR	EET SL	08/29/25 10:57
Total/NA	Analysis	9315		1	737619	SWS	EET SL	09/25/25 19:27
Total/NA	Prep	PrecSep_0			734207	JTR	EET SL	08/29/25 11:00
Total/NA	Analysis	9320		1	737637	SWS	EET SL	09/25/25 11:51
Total/NA	Analysis	Ra226_Ra228		1	737876	SCB	EET SL	09/26/25 11:37

Client Sample ID: WAN-WGWC-31S
Lab Sample ID: 705-40790-8
Date Collected: 08/20/25 16:14
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734206	JTR	EET SL	08/29/25 10:57
Total/NA	Analysis	9315		1	737619	SWS	EET SL	09/25/25 19:27
Total/NA	Prep	PrecSep_0			734207	JTR	EET SL	08/29/25 11:00
Total/NA	Analysis	9320		1	737637	SWS	EET SL	09/25/25 11:51
Total/NA	Analysis	Ra226_Ra228		1	737876	SCB	EET SL	09/26/25 11:37

Lab Chronicle

Client: Southern Company
Job ID: 705-40790-2
Project/Site: Plant Wansley Ash Pond Quarterly 1

Client Sample ID: WAN-AP1-FB-15
Lab Sample ID: 705-40790-9
Date Collected: 08/20/25 16:35
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734206	JTR	EET SL	08/29/25 10:57
Total/NA	Analysis	9315		1	737619	SWS	EET SL	09/25/25 19:27
Total/NA	Prep	PrecSep_0			734207	JTR	EET SL	08/29/25 11:00
Total/NA	Analysis	9320		1	737637	SWS	EET SL	09/25/25 11:52
Total/NA	Analysis	Ra226_Ra228		1	737876	SCB	EET SL	09/26/25 11:37

Client Sample ID: WAN-WGWC-38D
Lab Sample ID: 705-40790-10
Date Collected: 08/20/25 16:50
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734206	JTR	EET SL	08/29/25 10:57
Total/NA	Analysis	9315		1	737637	SWS	EET SL	09/25/25 19:33
Total/NA	Prep	PrecSep_0			734207	JTR	EET SL	08/29/25 11:00
Total/NA	Analysis	9320		1	737637	SWS	EET SL	09/25/25 11:52
Total/NA	Analysis	Ra226_Ra228		1	737876	SCB	EET SL	09/26/25 11:37

Client Sample ID: WAN-WGWC-41
Lab Sample ID: 705-40790-11
Date Collected: 08/21/25 09:07
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734206	JTR	EET SL	08/29/25 10:57
Total/NA	Analysis	9315		1	737637	SWS	EET SL	09/25/25 19:34
Total/NA	Prep	PrecSep_0			734207	JTR	EET SL	08/29/25 11:00
Total/NA	Analysis	9320		1	737637	SWS	EET SL	09/25/25 11:52
Total/NA	Analysis	Ra226_Ra228		1	737876	SCB	EET SL	09/26/25 11:37

Client Sample ID: WAN-WGWC-31D
Lab Sample ID: 705-40790-12
Date Collected: 08/21/25 09:13
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734206	JTR	EET SL	08/29/25 10:57
Total/NA	Analysis	9315		1	737637	SWS	EET SL	09/25/25 19:34
Total/NA	Prep	PrecSep_0			734207	JTR	EET SL	08/29/25 11:00
Total/NA	Analysis	9320		1	737637	SWS	EET SL	09/25/25 11:52
Total/NA	Analysis	Ra226_Ra228		1	737876	SCB	EET SL	09/26/25 11:37

Client Sample ID: WAN-WGWC-38S

Lab Sample ID: 705-40790-13

Date Collected: 08/21/25 11:33

Matrix: Water

Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734206	JTR	EET SL	08/29/25 10:57
Total/NA	Analysis	9315		1	737637	SWS	EET SL	09/25/25 19:34
Total/NA	Prep	PrecSep_0			734207	JTR	EET SL	08/29/25 11:00
Total/NA	Analysis	9320		1	737637	SWS	EET SL	09/25/25 11:52
Total/NA	Analysis	Ra226_Ra228		1	737876	SCB	EET SL	09/26/25 11:37

Client Sample ID: WAN-WGWC-39

Lab Sample ID: 705-40790-14

Date Collected: 08/21/25 12:11

Matrix: Water

Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734206	JTR	EET SL	08/29/25 10:57
Total/NA	Analysis	9315		1	737637	SWS	EET SL	09/25/25 19:34
Total/NA	Prep	PrecSep_0			734207	JTR	EET SL	08/29/25 11:00
Total/NA	Analysis	9320		1	737637	SWS	EET SL	09/25/25 11:52
Total/NA	Analysis	Ra226_Ra228		1	737876	SCB	EET SL	09/26/25 11:37

Client Sample ID: WAN-AP1-EB-10

Lab Sample ID: 705-40790-15

Date Collected: 08/21/25 12:30

Matrix: Water

Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734206	JTR	EET SL	08/29/25 10:57
Total/NA	Analysis	9315		1	737637	SWS	EET SL	09/25/25 19:34
Total/NA	Prep	PrecSep_0			734207	JTR	EET SL	08/29/25 11:00
Total/NA	Analysis	9320		1	737637	SWS	EET SL	09/25/25 11:52
Total/NA	Analysis	Ra226_Ra228		1	737876	SCB	EET SL	09/26/25 11:37

Client Sample ID: WAN-WGWC-36S

Lab Sample ID: 705-40790-16

Date Collected: 08/21/25 13:07

Matrix: Water

Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734206	JTR	EET SL	08/29/25 10:57
Total/NA	Analysis	9315		1	737637	SWS	EET SL	09/25/25 19:34
Total/NA	Prep	PrecSep_0			734207	JTR	EET SL	08/29/25 11:00
Total/NA	Analysis	9320		1	737619	SWS	EET SL	09/25/25 11:48
Total/NA	Analysis	Ra226_Ra228		1	737876	SCB	EET SL	09/26/25 11:37

Lab Chronicle

Client: Southern Company
Job ID: 705-40790-2
Project/Site: Plant Wansley Ash Pond Quarterly 1

Client Sample ID: WAN-WGWC-37S
Lab Sample ID: 705-40790-17

Date Collected: 08/21/25 15:10
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734206	JTR	EET SL	08/29/25 10:57
Total/NA	Analysis	9315		1	737637	SWS	EET SL	09/25/25 19:34
Total/NA	Prep	PrecSep_0			734207	JTR	EET SL	08/29/25 11:00
Total/NA	Analysis	9320		1	737619	SWS	EET SL	09/25/25 11:48
Total/NA	Analysis	Ra226_Ra228		1	737876	SCB	EET SL	09/26/25 11:37

Client Sample ID: WAN-WGWC-34D
Lab Sample ID: 705-40790-18

Date Collected: 08/21/25 15:00
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734206	JTR	EET SL	08/29/25 10:57
Total/NA	Analysis	9315		1	737637	SWS	EET SL	09/25/25 19:34
Total/NA	Prep	PrecSep_0			734207	JTR	EET SL	08/29/25 11:00
Total/NA	Analysis	9320		1	737619	SWS	EET SL	09/25/25 11:48
Total/NA	Analysis	Ra226_Ra228		1	737876	SCB	EET SL	09/26/25 11:37

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: 705-40790-2
Project/Site: Plant Wansley Ash Pond Quarterly 1

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

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JOB DESCRIPTION

Plant Wansley Ash Pond

JOB NUMBER

705-40816-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

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

Authorization



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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: 705-40816-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-40816-1	WAN-WGWC-31D	Water	08/21/25 09:20	08/22/25 10:33	Georgia

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: H. Auld 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 Quarterly 1	Project #:			
Site: BMD	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Task_Code: ~~WAN-CCR-ASSMT-2025S2~~ BMD
WAN-CCR-OTH-20250820

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)	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
			Preservation Code:		X	X	D	D	D	D	X
WAN- WGWC-31D	08/21/25	0920	G	WG	Y	N	✓	✓	✓	✓	1

705-40816 COC

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ 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
	H. Auld	8-22-25/1037	ACC		8.22.25 1033	
	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 3.1 1.2 2.0 1.9 1.7

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-40816-1

Login Number: 40816
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: 705-40816-1

Qualifiers

Metals

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.

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: 705-40816-1 Eurofins Atlanta

Job Narrative
705-40816-1

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 8/22/2025 10:33 AM. 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 3.1°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: 705-40816-1

Client Sample ID: WAN-WGWC-31D

Lab Sample ID: 705-40816-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium, Dissolved	26		0.10	0.038	mg/L	1		6010D	Dissolved
Lithium, Dissolved	0.049		0.020	0.0037	mg/L	1		6010D	Dissolved
Barium, Dissolved	0.0039	J	0.010	0.00041	mg/L	1		6020B	Dissolved
Cobalt, Dissolved	0.00041	J	0.0050	0.00041	mg/L	1		6020B	Dissolved
Molybdenum, Dissolved	0.036		0.0050	0.00069	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: 705-40816-1

Client Sample ID: WAN-WGWC-31D

Date Collected: 08/21/25 09:20
Date Received: 08/22/25 10:33

Lab Sample ID: 705-40816-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron, Dissolved	<0.026		0.080	0.026	mg/L			09/12/25 15:01	1
Calcium, Dissolved	**26**		0.10	0.038	mg/L			09/12/25 15:01	1
Lithium, Dissolved	**0.049**		0.020	0.0037	mg/L			09/16/25 11:48	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			09/12/25 05:05	1
Arsenic, Dissolved	<0.0013		0.0050	0.0013	mg/L			09/12/25 05:05	1
Barium, Dissolved	**0.0039**	**J**	0.010	0.00041	mg/L			09/12/25 05:05	1
Beryllium, Dissolved	<0.00015		0.0010	0.00015	mg/L			09/17/25 00:38	1
Cadmium, Dissolved	<0.00024		0.00070	0.00024	mg/L			09/12/25 05:05	1
Chromium, Dissolved	<0.0037		0.0050	0.0037	mg/L			09/12/25 05:05	1
Cobalt, Dissolved	**0.00041**	**J**	0.0050	0.00041	mg/L			09/12/25 05:05	1
Lead, Dissolved	<0.00086		0.0010	0.00086	mg/L			09/12/25 05:05	1
Molybdenum, Dissolved	**0.036**		0.0050	0.00069	mg/L			09/12/25 05:05	1
Selenium, Dissolved	<0.0023		0.0050	0.0023	mg/L			09/12/25 05:05	1
Thallium, Dissolved	<0.00019		0.0010	0.00019	mg/L			09/12/25 05:05	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		08/26/25 15:28	08/26/25 21:15	1

Method Summary

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

Job ID: 705-40816-1

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

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-80758/1-A
Matrix: Water
Analysis Batch: 81716

Client Sample ID: Method Blank
Prep Type: Dissolved

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron, Dissolved	<0.026		0.080	0.026	mg/L			09/12/25 14:20	1
Calcium, Dissolved	<0.038		0.10	0.038	mg/L			09/12/25 14:20	1

Lab Sample ID: LCS 705-80758/2-A
Matrix: Water
Analysis Batch: 81716

Client Sample ID: Lab Control Sample
Prep Type: Dissolved

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron, Dissolved	1.00	0.984		mg/L		98	80 - 120
Calcium, Dissolved	10.0	10.0		mg/L		100	80 - 120

Lab Sample ID: 705-40188-D-1 MS
Matrix: Water
Analysis Batch: 81716

Client Sample ID: Matrix Spike
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron, Dissolved	<0.026		1.00	0.993		mg/L		99	75 - 125
Calcium, Dissolved	2.1		10.0	12.0		mg/L		100	75 - 125

Lab Sample ID: 705-40188-D-1 MSD
Matrix: Water
Analysis Batch: 81716

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron, Dissolved	<0.026		1.00	0.973		mg/L		97	75 - 125	2	20
Calcium, Dissolved	2.1		10.0	11.8		mg/L		97	75 - 125	2	20

Lab Sample ID: MB 705-80758/1-A
Matrix: Water
Analysis Batch: 82107

Client Sample ID: Method Blank
Prep Type: Dissolved

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium, Dissolved	<0.0037		0.020	0.0037	mg/L			09/16/25 11:29	1

Lab Sample ID: LCS 705-80758/2-A
Matrix: Water
Analysis Batch: 82107

Client Sample ID: Lab Control Sample
Prep Type: Dissolved

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium, Dissolved	1.00	1.08		mg/L		108	80 - 120

Lab Sample ID: 705-40188-D-1 MS
Matrix: Water
Analysis Batch: 82107

Client Sample ID: Matrix Spike
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium, Dissolved	<0.0037	F1	1.00	1.30	F1	mg/L		130	75 - 125

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

Lab Sample ID: 705-40188-D-1 MSD
Matrix: Water
Analysis Batch: 82107

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium, Dissolved	<0.0037	F1	1.00	1.09		mg/L		109	75 - 125	18	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-80781/1-A
Matrix: Water
Analysis Batch: 81635

Client Sample ID: Method Blank
Prep Type: Dissolved

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	<0.0025		0.0050	0.0025	mg/L			09/12/25 03:54	1
Arsenic, Dissolved	<0.0013		0.0050	0.0013	mg/L			09/12/25 03:54	1
Barium, Dissolved	<0.00041		0.010	0.00041	mg/L			09/12/25 03:54	1
Beryllium, Dissolved	<0.00015		0.0010	0.00015	mg/L			09/12/25 03:54	1
Cadmium, Dissolved	<0.00024		0.00070	0.00024	mg/L			09/12/25 03:54	1
Chromium, Dissolved	<0.0037		0.0050	0.0037	mg/L			09/12/25 03:54	1
Cobalt, Dissolved	<0.00041		0.0050	0.00041	mg/L			09/12/25 03:54	1
Lead, Dissolved	<0.00086		0.0010	0.00086	mg/L			09/12/25 03:54	1
Molybdenum, Dissolved	<0.00069		0.0050	0.00069	mg/L			09/12/25 03:54	1
Selenium, Dissolved	<0.0023		0.0050	0.0023	mg/L			09/12/25 03:54	1
Thallium, Dissolved	<0.00019		0.0010	0.00019	mg/L			09/12/25 03:54	1

Lab Sample ID: LCS 705-80781/2-A
Matrix: Water
Analysis Batch: 81635

Client Sample ID: Lab Control Sample
Prep Type: Dissolved

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony, Dissolved	0.100	0.0958		mg/L		96	80 - 120
Arsenic, Dissolved	0.100	0.0945		mg/L		94	80 - 120
Barium, Dissolved	0.100	0.0964		mg/L		96	80 - 120
Beryllium, Dissolved	0.100	0.0913		mg/L		91	80 - 120
Cadmium, Dissolved	0.100	0.0920		mg/L		92	80 - 120
Chromium, Dissolved	0.100	0.0938		mg/L		94	80 - 120
Cobalt, Dissolved	0.100	0.0953		mg/L		95	80 - 120
Lead, Dissolved	0.100	0.0981		mg/L		98	80 - 120
Molybdenum, Dissolved	0.100	0.0988		mg/L		99	80 - 120
Selenium, Dissolved	0.100	0.0926		mg/L		93	80 - 120
Thallium, Dissolved	0.100	0.0995		mg/L		100	80 - 120

Lab Sample ID: 680-266973-C-1 MS
Matrix: Water
Analysis Batch: 81635

Client Sample ID: Matrix Spike
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony, Dissolved	<0.0025		0.100	0.0941		mg/L		94	75 - 125
Arsenic, Dissolved	0.0075		0.100	0.0986		mg/L		91	75 - 125
Barium, Dissolved	0.096		0.100	0.190		mg/L		94	75 - 125
Beryllium, Dissolved	<0.00015		0.100	0.0889		mg/L		89	75 - 125
Cadmium, Dissolved	<0.00024		0.100	0.0893		mg/L		89	75 - 125
Chromium, Dissolved	<0.0037		0.100	0.0918		mg/L		92	75 - 125

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

Lab Sample ID: 680-266973-C-1 MS
Matrix: Water
Analysis Batch: 81635

Client Sample ID: Matrix Spike
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt, Dissolved	0.0016	J	0.100	0.0932		mg/L		92	75 - 125
Lead, Dissolved	<0.00086		0.100	0.0958		mg/L		96	75 - 125
Molybdenum, Dissolved	<0.00069		0.100	0.0979		mg/L		98	75 - 125
Selenium, Dissolved	0.013		0.100	0.104		mg/L		90	75 - 125
Thallium, Dissolved	<0.00019		0.100	0.0973		mg/L		97	75 - 125

Lab Sample ID: 680-266973-C-1 MSD
Matrix: Water
Analysis Batch: 81635

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved

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	0.0978		mg/L		98	75 - 125	4	20
Arsenic, Dissolved	0.0075		0.100	0.104		mg/L		96	75 - 125	5	20
Barium, Dissolved	0.096		0.100	0.197		mg/L		100	75 - 125	3	20
Beryllium, Dissolved	<0.00015		0.100	0.0911		mg/L		91	75 - 125	3	20
Cadmium, Dissolved	<0.00024		0.100	0.0920		mg/L		92	75 - 125	3	20
Chromium, Dissolved	<0.0037		0.100	0.0961		mg/L		96	75 - 125	5	20
Cobalt, Dissolved	0.0016	J	0.100	0.0979		mg/L		96	75 - 125	5	20
Lead, Dissolved	<0.00086		0.100	0.0980		mg/L		98	75 - 125	2	20
Molybdenum, Dissolved	<0.00069		0.100	0.101		mg/L		101	75 - 125	3	20
Selenium, Dissolved	0.013		0.100	0.112		mg/L		99	75 - 125	8	20
Thallium, Dissolved	<0.00019		0.100	0.0997		mg/L		100	75 - 125	3	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-77567/1-A
Matrix: Water
Analysis Batch: 77840

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 77567

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	<0.00017		0.00020	0.00017	mg/L		08/26/25 15:28	08/26/25 21:07	1

Lab Sample ID: LCS 705-77567/2-A
Matrix: Water
Analysis Batch: 77840

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 77567

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury, Dissolved	0.00400	0.00399		mg/L		100	80 - 120

Lab Sample ID: 705-40816-1 MS
Matrix: Water
Analysis Batch: 77840

Client Sample ID: WAN-WGWC-31D
Prep Type: Dissolved
Prep Batch: 77567

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury, Dissolved	<0.00017		0.00400	0.00381		mg/L		95	75 - 125

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

Job ID: 705-40816-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 705-40816-1 MSD
Matrix: Water
Analysis Batch: 77840

Client Sample ID: WAN-WGWC-31D
Prep Type: Dissolved
Prep Batch: 77567

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	0.00387		mg/L		97	75 - 125	2	20

QC Association Summary

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

Job ID: 705-40816-1

Metals

Prep Batch: 77567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40816-1	WAN-WGWC-31D	Dissolved	Water	7470A	
MB 705-77567/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-77567/2-A	Lab Control Sample	Total/NA	Water	7470A	
705-40816-1 MS	WAN-WGWC-31D	Dissolved	Water	7470A	
705-40816-1 MSD	WAN-WGWC-31D	Dissolved	Water	7470A	

Analysis Batch: 77840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40816-1	WAN-WGWC-31D	Dissolved	Water	7470A	77567
MB 705-77567/1-A	Method Blank	Total/NA	Water	7470A	77567
LCS 705-77567/2-A	Lab Control Sample	Total/NA	Water	7470A	77567
705-40816-1 MS	WAN-WGWC-31D	Dissolved	Water	7470A	77567
705-40816-1 MSD	WAN-WGWC-31D	Dissolved	Water	7470A	77567

Filtration Batch: 80758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 705-80758/1-A	Method Blank	Dissolved	Water	Filtration	
LCS 705-80758/2-A	Lab Control Sample	Dissolved	Water	Filtration	

Filtration Batch: 80781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 705-80781/1-A	Method Blank	Dissolved	Water	Filtration	
LCS 705-80781/2-A	Lab Control Sample	Dissolved	Water	Filtration	

Analysis Batch: 81635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40816-1	WAN-WGWC-31D	Dissolved	Water	6020B	
MB 705-80781/1-A	Method Blank	Dissolved	Water	6020B	80781
LCS 705-80781/2-A	Lab Control Sample	Dissolved	Water	6020B	80781
680-266973-C-1 MS	Matrix Spike	Dissolved	Water	6020B	
680-266973-C-1 MSD	Matrix Spike Duplicate	Dissolved	Water	6020B	

Analysis Batch: 81716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40816-1	WAN-WGWC-31D	Dissolved	Water	6010D	
MB 705-80758/1-A	Method Blank	Dissolved	Water	6010D	80758
LCS 705-80758/2-A	Lab Control Sample	Dissolved	Water	6010D	80758
705-40188-D-1 MS	Matrix Spike	Dissolved	Water	6010D	
705-40188-D-1 MSD	Matrix Spike Duplicate	Dissolved	Water	6010D	

Analysis Batch: 82107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40816-1	WAN-WGWC-31D	Dissolved	Water	6010D	
MB 705-80758/1-A	Method Blank	Dissolved	Water	6010D	80758
LCS 705-80758/2-A	Lab Control Sample	Dissolved	Water	6010D	80758
705-40188-D-1 MS	Matrix Spike	Dissolved	Water	6010D	
705-40188-D-1 MSD	Matrix Spike Duplicate	Dissolved	Water	6010D	

Analysis Batch: 82283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40816-1	WAN-WGWC-31D	Dissolved	Water	6020B	

Lab Chronicle

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

Job ID: 705-40816-1

Client Sample ID: WAN-WGWC-31D

Date Collected: 08/21/25 09:20
Date Received: 08/22/25 10:33

Lab Sample ID: 705-40816-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Analysis	6010D		1	82107	KB	EET ATL	09/16/25 11:48
Dissolved	Analysis	6010D		1	81716	DS	EET ATL	09/12/25 15:01
Dissolved	Analysis	6020B		1	81635	IF	EET ATL	09/12/25 05:05
Dissolved	Analysis	6020B		1	82283	IF	EET ATL	09/17/25 00:38
Dissolved	Prep	7470A			77567	TA	EET ATL	08/26/25 15:28
Dissolved	Analysis	7470A		1	77840	GR	EET ATL	08/26/25 21:15

Laboratory References:

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

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-40816-1
Project/Site: Plant Wansley Ash Pond

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 9/15/2025 7:10:52 PM

JOB DESCRIPTION

Plant Wansley Ash Pond Quarterly 1

JOB NUMBER

705-41240-1

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
Job ID: 705-41240-1
Project/Site: Plant Wansley Ash Pond Quarterly 1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-41240-1	WAN-WGWC-34S	Water	08/25/25 15:15	08/28/25 09:05	Georgia
705-41240-2	WAN-AP1-FB-16	Water	08/25/25 16:00	08/28/25 09:05	Georgia
705-41240-3	WAN-WGWC-35D	Water	08/26/25 11:40	08/28/25 09:05	Georgia
705-41240-4	WAN-WGWC-35S	Water	08/26/25 14:40	08/28/25 09:05	Georgia
705-41240-5	WAN-WGWC-36D	Water	08/26/25 16:55	08/28/25 09:05	Georgia
705-41240-6	WAN-WGWC-37D	Water	08/27/25 16:00	08/28/25 09:05	Georgia
705-41240-7	WAN-AP1-FD-10	Water	08/27/25 00:00	08/28/25 09:05	Georgia

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: C. Hlamnl 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
Company: GA Power				Job #:

Address: 241 Ralph McGill Blvd SE	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Atlanta	TAT Requested (days):		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)
State, Zip: GA, 30308			Other:
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 1	Project #:		Task_Code: WAN-CCR-OTH-2025 08 25
Site:	SSOW#:		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-34S	08/25/25	1515	G	WG	N	N	X	X	X	X	X	X	X	X	X	5
WAN- API-FB-16	08/25/25	1600	G	WQ	N	N	X	X	X	X	X	X	X	X	X	5
WAN- WGWC-35D	08/26/25	1140	G	WG	N	N	X	X	X	X	X	X	X	X	X	5
WAN- WGWC-35S	08/26/25	1440	G	WG	N	N	X	X	X	X	X	X	X	X	X	5
WAN- WGWC-36D	08/26/25	1655	G	WG	N	N	X	X	X	X	X	X	X	X	X	5
WAN- WGWC-37D	08/27/25	1600	G	WG	N	N	X	X	X	X	X	X	X	X	X	5
WAN- API-FD-10	08/27/25	—	G	WG	N	N	X	X	X	X	X	X	X	X	X	5
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										

705-41240 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
	8-28-2025/0800	ACC	Kathryn Carnes	8-28-2025/0800	ACC
Relinquished by: Kathryn Carnes	Date/Time: 8-28-2025/0905	Company ACC	Received by:	Date/Time: 8-28 2025/ 09:05	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 0.2 0.2 #2665

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-41240-1

Login Number: 41240

List Source: Eurofins Atlanta

List Number: 1

Creator: Myndresku, Victor

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
Job ID: 705-41240-1
Project/Site: Plant Wansley Ash Pond Quarterly 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
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job ID: 705-41240-1 — Eurofins Atlanta

Job Narrative
705-41240-1

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 8/28/2025 9:05 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.2°C and 0.2°C.

HPLC/IC
Method 300_ORGFM_28D: The following samples were diluted due to the nature of the sample matrix: WAN-WGWC-37D (705-41240-6) and WAN-AP1-FD-10 (705-41240-7). 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.

Metals
Method 6010D: The method blank for preparation batch 705-79432 contained Boron above the reporting limit (RL). None of the samples associated with this method blank have this target compound detected above the Reporting Limit; therefore, re-extraction and/or re-analysis of samples were not performed.

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

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

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 1

Job ID: 705-41240-1

Client Sample ID: WAN-WGWC-34S — Lab Sample ID: 705-41240-1

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
Calcium	1.9		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.021		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.022		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	19		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-FB-16 — Lab Sample ID: 705-41240-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.00028		0.00020	0.00017	mg/L	1		7470A	Total/NA

Client Sample ID: WAN-WGWC-35D — Lab Sample ID: 705-41240-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	8.1		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	5.4		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	46		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.20		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00024	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.0020	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0010	J	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-35S — Lab Sample ID: 705-41240-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	7.1		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	7.9		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	40		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.035		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0074		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Molybdenum	0.00092	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	210		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-36D — Lab Sample ID: 705-41240-5

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	0.089	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	3.7		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	6.6		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.026		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0050		0.0050	0.00041	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Client Sample ID: WAN-WGWC-36D (Continued)
Lab Sample ID: 705-41240-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	43		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-37D
Lab Sample ID: 705-41240-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	33		10	9.8	mg/L	10		300.0	Total/NA
Sulfate	35		10	7.7	mg/L	10		300.0	Total/NA
Boron	0.078	J B	0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	16		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.12		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.021		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	190		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-FD-10
Lab Sample ID: 705-41240-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	31		10	9.8	mg/L	10		300.0	Total/NA
Fluoride	0.87	J	2.0	0.81	mg/L	10		300.0	Total/NA
Sulfate	11		10	7.7	mg/L	10		300.0	Total/NA
Boron	0.078	J B	0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	16		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.12		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.020		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	190		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: WAN-WGWC-34S

Lab Sample ID: 705-41240-1

Date Collected: 08/25/25 15:15

Matrix: Water

Date Received: 08/28/25 09:05

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			09/09/25 12:04	1
Fluoride	<0.081		0.20	0.081	mg/L			09/09/25 12:04	1
Sulfate	<0.77		1.0	0.77	mg/L			09/09/25 12:04	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		09/04/25 12:26	09/05/25 12:44	1
Calcium	**1.9**		0.10	0.038	mg/L		09/04/25 12:26	09/04/25 17:47	1
Lithium	<0.0037		0.020	0.0037	mg/L		09/04/25 12:26	09/12/25 13:06	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		09/04/25 09:28	09/08/25 18:45	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		09/04/25 09:28	09/08/25 18:45	1
Barium	**0.021**		0.010	0.00041	mg/L		09/04/25 09:28	09/08/25 18:45	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		09/04/25 09:28	09/08/25 18:45	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		09/04/25 09:28	09/08/25 18:45	1
Chromium	<0.0037		0.0050	0.0037	mg/L		09/04/25 09:28	09/08/25 18:45	1
Cobalt	**0.022**		0.0050	0.00041	mg/L		09/04/25 09:28	09/08/25 18:45	1
Lead	<0.00086		0.0010	0.00086	mg/L		09/04/25 09:28	09/08/25 18:45	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		09/04/25 09:28	09/08/25 18:45	1
Selenium	<0.0023		0.0050	0.0023	mg/L		09/04/25 09:28	09/08/25 18:45	1
Thallium	<0.00019		0.0010	0.00019	mg/L		09/04/25 09:28	09/08/25 18:45	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		09/12/25 13:37	09/12/25 18:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**19**		10	10	mg/L			08/31/25 15:45	1

Client Sample ID: WAN-AP1-FB-16

Lab Sample ID: 705-41240-2

Date Collected: 08/25/25 16:00

Matrix: Water

Date Received: 08/28/25 09:05

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			09/09/25 12:15	1
Fluoride	<0.081		0.20	0.081	mg/L			09/09/25 12:15	1
Sulfate	<0.77		1.0	0.77	mg/L			09/09/25 12:15	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		09/04/25 12:26	09/05/25 12:47	1
Calcium	<0.038		0.10	0.038	mg/L		09/04/25 12:26	09/04/25 17:50	1
Lithium	<0.0037		0.020	0.0037	mg/L		09/04/25 12:26	09/12/25 13:08	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		09/04/25 09:28	09/08/25 18:57	1

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 1

Job ID: 705-41240-1

Client Sample ID: WAN-AP1-FB-16

Lab Sample ID: 705-41240-2

Date Collected: 08/25/25 16:00

Matrix: Water

Date Received: 08/28/25 09:05

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		09/04/25 09:28	09/08/25 18:57	1
Barium	<0.00041		0.010	0.00041	mg/L		09/04/25 09:28	09/08/25 18:57	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		09/04/25 09:28	09/08/25 18:57	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		09/04/25 09:28	09/08/25 18:57	1
Chromium	<0.0037		0.0050	0.0037	mg/L		09/04/25 09:28	09/08/25 18:57	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		09/04/25 09:28	09/08/25 18:57	1
Lead	<0.00086		0.0010	0.00086	mg/L		09/04/25 09:28	09/08/25 18:57	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		09/04/25 09:28	09/08/25 18:57	1
Selenium	<0.0023		0.0050	0.0023	mg/L		09/04/25 09:28	09/08/25 18:57	1
Thallium	<0.00019		0.0010	0.00019	mg/L		09/04/25 09:28	09/08/25 18:57	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00028**		0.00020	0.00017	mg/L		09/12/25 13:37	09/12/25 19:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			08/31/25 15:45	1

Client Sample ID: WAN-WGWC-35D

Lab Sample ID: 705-41240-3

Date Collected: 08/26/25 11:40

Matrix: Water

Date Received: 08/28/25 09:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.1**		1.0	0.98	mg/L			09/09/25 12:49	1
Fluoride	**0.18**	**J**	0.20	0.081	mg/L			09/09/25 12:49	1
Sulfate	**5.4**		1.0	0.77	mg/L			09/09/25 12:49	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		09/04/25 12:26	09/05/25 12:50	1
Calcium	**46**		0.10	0.038	mg/L		09/04/25 12:26	09/04/25 17:53	1
Lithium	<0.0037		0.020	0.0037	mg/L		09/04/25 12:26	09/12/25 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		09/04/25 09:28	09/08/25 19:00	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		09/04/25 09:28	09/08/25 19:00	1
Barium	**0.20**		0.010	0.00041	mg/L		09/04/25 09:28	09/08/25 19:00	1
Beryllium	**0.00024**	**J**	0.0010	0.00015	mg/L		09/04/25 09:28	09/08/25 19:00	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		09/04/25 09:28	09/08/25 19:00	1
Chromium	<0.0037		0.0050	0.0037	mg/L		09/04/25 09:28	09/08/25 19:00	1
Cobalt	**0.0020**	**J**	0.0050	0.00041	mg/L		09/04/25 09:28	09/08/25 19:00	1
Lead	<0.00086		0.0010	0.00086	mg/L		09/04/25 09:28	09/08/25 19:00	1
Molybdenum	**0.0010**	**J**	0.0050	0.00069	mg/L		09/04/25 09:28	09/08/25 19:00	1
Selenium	<0.0023		0.0050	0.0023	mg/L		09/04/25 09:28	09/08/25 19:00	1
Thallium	<0.00019		0.0010	0.00019	mg/L		09/04/25 09:28	09/08/25 19:00	1

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 1

Job ID: 705-41240-1

Client Sample ID: WAN-WGWC-35D

Lab Sample ID: 705-41240-3

Date Collected: 08/26/25 11:40
Matrix: Water
Date Received: 08/28/25 09:05

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		09/12/25 13:37	09/12/25 19:10	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			08/31/25 15:45	1

Client Sample ID: WAN-WGWC-35S

Lab Sample ID: 705-41240-4

Date Collected: 08/26/25 14:40
Matrix: Water
Date Received: 08/28/25 09:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.1		1.0	0.98	mg/L			09/09/25 13:00	1
Fluoride	0.25		0.20	0.081	mg/L			09/09/25 13:00	1
Sulfate	7.9		1.0	0.77	mg/L			09/09/25 13:00	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		09/04/25 12:26	09/05/25 12:53	1
Calcium	40		0.10	0.038	mg/L		09/04/25 12:26	09/04/25 17:56	1
Lithium	<0.0037		0.020	0.0037	mg/L		09/04/25 12:26	09/12/25 13:11	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		09/04/25 09:28	09/08/25 19:02	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		09/04/25 09:28	09/08/25 19:02	1
Barium	0.035		0.010	0.00041	mg/L		09/04/25 09:28	09/08/25 19:02	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		09/04/25 09:28	09/08/25 19:02	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		09/04/25 09:28	09/08/25 19:02	1
Chromium	<0.0037		0.0050	0.0037	mg/L		09/04/25 09:28	09/08/25 19:02	1
Cobalt	0.0074		0.0050	0.00041	mg/L		09/04/25 09:28	09/08/25 19:02	1
Lead	<0.00086		0.0010	0.00086	mg/L		09/04/25 09:28	09/08/25 19:02	1
Molybdenum	0.00092	J	0.0050	0.00069	mg/L		09/04/25 09:28	09/08/25 19:02	1
Selenium	<0.0023		0.0050	0.0023	mg/L		09/04/25 09:28	09/08/25 19:02	1
Thallium	<0.00019		0.0010	0.00019	mg/L		09/04/25 09:28	09/08/25 19:02	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		09/12/25 13:37	09/12/25 19:14	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			08/31/25 15:45	1

Client Sample ID: WAN-WGWC-36D

Lab Sample ID: 705-41240-5

Date Collected: 08/26/25 16:55

Matrix: Water

Date Received: 08/28/25 09:05

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			09/09/25 13:12	1
Fluoride	**0.089**	**J**	0.20	0.081	mg/L			09/09/25 13:12	1
Sulfate	**3.7**		1.0	0.77	mg/L			09/09/25 13:12	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		09/04/25 12:26	09/05/25 12:55	1
Calcium	**6.6**		0.10	0.038	mg/L		09/04/25 12:26	09/04/25 18:07	1
Lithium	<0.0037		0.020	0.0037	mg/L		09/04/25 12:26	09/12/25 13:13	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		09/04/25 09:28	09/08/25 19:19	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		09/04/25 09:28	09/08/25 19:19	1
Barium	**0.026**		0.010	0.00041	mg/L		09/04/25 09:28	09/08/25 19:19	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		09/04/25 09:28	09/08/25 19:19	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		09/04/25 09:28	09/08/25 19:19	1
Chromium	<0.0037		0.0050	0.0037	mg/L		09/04/25 09:28	09/08/25 19:19	1
Cobalt	**0.0050**		0.0050	0.00041	mg/L		09/04/25 09:28	09/08/25 19:19	1
Lead	<0.00086		0.0010	0.00086	mg/L		09/04/25 09:28	09/08/25 19:19	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		09/04/25 09:28	09/08/25 19:19	1
Selenium	<0.0023		0.0050	0.0023	mg/L		09/04/25 09:28	09/08/25 19:19	1
Thallium	<0.00019		0.0010	0.00019	mg/L		09/04/25 09:28	09/08/25 19:19	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		09/12/25 13:37	09/12/25 19:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**43**		10	10	mg/L			08/31/25 15:45	1

Client Sample ID: WAN-WGWC-37D

Lab Sample ID: 705-41240-6

Date Collected: 08/27/25 16:00

Matrix: Water

Date Received: 08/28/25 09:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**33**		10	9.8	mg/L			09/09/25 19:05	10
Fluoride	<0.81		2.0	0.81	mg/L			09/09/25 19:05	10
Sulfate	**35**		10	7.7	mg/L			09/09/25 19:05	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.078**	**J B**	0.080	0.026	mg/L		09/04/25 12:26	09/05/25 13:04	1
Calcium	**16**		0.10	0.038	mg/L		09/04/25 12:26	09/04/25 18:16	1
Lithium	<0.0037		0.020	0.0037	mg/L		09/04/25 12:26	09/12/25 13:14	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		09/04/25 09:28	09/08/25 19:22	1

Client Sample ID: WAN-WGWC-37D

Lab Sample ID: 705-41240-6

Date Collected: 08/27/25 16:00

Matrix: Water

Date Received: 08/28/25 09:05

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		09/04/25 09:28	09/08/25 19:22	1
Barium	**0.12**		0.010	0.00041	mg/L		09/04/25 09:28	09/08/25 19:22	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		09/04/25 09:28	09/08/25 19:22	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		09/04/25 09:28	09/08/25 19:22	1
Chromium	<0.0037		0.0050	0.0037	mg/L		09/04/25 09:28	09/08/25 19:22	1
Cobalt	**0.021**		0.0050	0.00041	mg/L		09/04/25 09:28	09/08/25 19:22	1
Lead	<0.00086		0.0010	0.00086	mg/L		09/04/25 09:28	09/08/25 19:22	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		09/04/25 09:28	09/08/25 19:22	1
Selenium	<0.0023		0.0050	0.0023	mg/L		09/04/25 09:28	09/08/25 19:22	1
Thallium	<0.00019		0.0010	0.00019	mg/L		09/04/25 09:28	09/08/25 19:22	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		09/12/25 13:37	09/12/25 19:22	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			08/31/25 15:45	1

Client Sample ID: WAN-AP1-FD-10

Lab Sample ID: 705-41240-7

Date Collected: 08/27/25 00:00

Matrix: Water

Date Received: 08/28/25 09:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**31**		10	9.8	mg/L			09/09/25 19:16	10
Fluoride	**0.87**	**J**	2.0	0.81	mg/L			09/09/25 19:16	10
Sulfate	**11**		10	7.7	mg/L			09/09/25 19:16	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.078**	**J B**	0.080	0.026	mg/L		09/04/25 12:26	09/05/25 13:07	1
Calcium	**16**		0.10	0.038	mg/L		09/04/25 12:26	09/04/25 18:18	1
Lithium	<0.0037		0.020	0.0037	mg/L		09/04/25 12:26	09/12/25 13:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		09/04/25 09:28	09/08/25 19:24	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		09/04/25 09:28	09/08/25 19:24	1
Barium	**0.12**		0.010	0.00041	mg/L		09/04/25 09:28	09/08/25 19:24	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		09/04/25 09:28	09/08/25 19:24	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		09/04/25 09:28	09/08/25 19:24	1
Chromium	<0.0037		0.0050	0.0037	mg/L		09/04/25 09:28	09/08/25 19:24	1
Cobalt	**0.020**		0.0050	0.00041	mg/L		09/04/25 09:28	09/08/25 19:24	1
Lead	<0.00086		0.0010	0.00086	mg/L		09/04/25 09:28	09/08/25 19:24	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		09/04/25 09:28	09/08/25 19:24	1
Selenium	<0.0023		0.0050	0.0023	mg/L		09/04/25 09:28	09/08/25 19:24	1
Thallium	<0.00019		0.0010	0.00019	mg/L		09/04/25 09:28	09/08/25 19:24	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 1

Job ID: 705-41240-1

Client Sample ID: WAN-AP1-FD-10

Lab Sample ID: 705-41240-7

Date Collected: 08/27/25 00:00
Matrix: Water
Date Received: 08/28/25 09:05

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		09/12/25 13:37	09/12/25 19:26	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			08/31/25 15:45	1

Method Summary

Client: Southern Company
Job ID: 705-41240-1
Project/Site: Plant Wansley Ash Pond Quarterly 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
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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-80409/3
Matrix: Water
Analysis Batch: 80409

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			09/09/25 11:30	1
Fluoride	<0.081		0.20	0.081	mg/L			09/09/25 11:30	1
Sulfate	<0.77		1.0	0.77	mg/L			09/09/25 11:30	1

Lab Sample ID: LCS 705-80409/4
Matrix: Water
Analysis Batch: 80409

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	9.88		mg/L		99	90 - 110		
Fluoride			5.00	4.83		mg/L		97	90 - 110		
Sulfate			25.0	24.9		mg/L		100	90 - 110		

Lab Sample ID: 705-41240-1 MS
Matrix: Water
Analysis Batch: 80409

Client Sample ID: WAN-WGWC-34S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	2.9		10.0	12.5		mg/L		96	90 - 110		
Fluoride	<0.081		5.00	4.96		mg/L		99	90 - 110		
Sulfate	<0.77		25.0	25.4		mg/L		102	90 - 110		

Lab Sample ID: 705-41240-1 MSD
Matrix: Water
Analysis Batch: 80409

Client Sample ID: WAN-WGWC-34S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.9		10.0	12.2		mg/L		93	90 - 110	3	20
Fluoride	<0.081		5.00	4.75		mg/L		95	90 - 110	4	20
Sulfate	<0.77		25.0	25.3		mg/L		101	90 - 110	0	20

Lab Sample ID: MB 705-80528/3
Matrix: Water
Analysis Batch: 80528

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			09/09/25 17:56	1
Fluoride	<0.081		0.20	0.081	mg/L			09/09/25 17:56	1
Sulfate	<0.77		1.0	0.77	mg/L			09/09/25 17:56	1

Lab Sample ID: LCS 705-80528/4
Matrix: Water
Analysis Batch: 80528

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	5.24		mg/L		105	90 - 110		
Sulfate			25.0	25.4		mg/L		102	90 - 110		

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-42147-K-1 MS
Matrix: Water
Analysis Batch: 80528

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1.8		10.0	11.7		mg/L		98	90 - 110
Fluoride	<0.081		5.00	5.20		mg/L		104	90 - 110
Sulfate	<0.77		25.0	25.6		mg/L		102	90 - 110

Lab Sample ID: 705-42147-K-1 MSD
Matrix: Water
Analysis Batch: 80528

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1.8		10.0	11.4		mg/L		96	90 - 110	2	20
Fluoride	<0.081		5.00	5.17		mg/L		103	90 - 110	1	20
Sulfate	<0.77		25.0	27.4		mg/L		110	90 - 110	7	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-79432/1-A
Matrix: Water
Analysis Batch: 79530

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 79432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.192		0.080	0.026	mg/L		09/04/25 12:26	09/04/25 15:07	1
Calcium	<0.038		0.10	0.038	mg/L		09/04/25 12:26	09/04/25 15:07	1

Lab Sample ID: MB 705-79432/1-A
Matrix: Water
Analysis Batch: 81711

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 79432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0037		0.020	0.0037	mg/L		09/04/25 12:26	09/12/25 12:54	1

Lab Sample ID: LCS 705-79432/2-A
Matrix: Water
Analysis Batch: 79530

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 79432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.981		mg/L		98	80 - 120
Calcium	10.0	10.0		mg/L		100	80 - 120

Lab Sample ID: LCS 705-79432/2-A
Matrix: Water
Analysis Batch: 81711

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 79432

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: 680-266906-C-1-B MS
Matrix: Water
Analysis Batch: 79530

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 79432

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron	0.065	J B	1.00	1.05		mg/L		98	75 - 125		
Calcium	18		10.0	27.8		mg/L		101	75 - 125		

Lab Sample ID: 680-266906-C-1-B MS
Matrix: Water
Analysis Batch: 81711

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 79432

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Lithium	<0.0037		1.00	1.22		mg/L		122	75 - 125		

Lab Sample ID: 680-266906-C-1-C MSD
Matrix: Water
Analysis Batch: 79530

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 79432

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.065	J B	1.00	1.04		mg/L		98	75 - 125	1	20
Calcium	18		10.0	27.8		mg/L		101	75 - 125	0	20

Lab Sample ID: 680-266906-C-1-C MSD
Matrix: Water
Analysis Batch: 81711

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 79432

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0037		1.00	1.22		mg/L		122	75 - 125	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-79294/1-A
Matrix: Water
Analysis Batch: 81484

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 79294

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		09/04/25 09:28	09/08/25 18:40	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		09/04/25 09:28	09/08/25 18:40	1
Barium	<0.00041		0.010	0.00041	mg/L		09/04/25 09:28	09/08/25 18:40	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		09/04/25 09:28	09/08/25 18:40	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		09/04/25 09:28	09/08/25 18:40	1
Chromium	<0.0037		0.0050	0.0037	mg/L		09/04/25 09:28	09/08/25 18:40	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		09/04/25 09:28	09/08/25 18:40	1
Lead	<0.00086		0.0010	0.00086	mg/L		09/04/25 09:28	09/08/25 18:40	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		09/04/25 09:28	09/08/25 18:40	1
Selenium	<0.0023		0.0050	0.0023	mg/L		09/04/25 09:28	09/08/25 18:40	1
Thallium	<0.00019		0.0010	0.00019	mg/L		09/04/25 09:28	09/08/25 18:40	1

Lab Sample ID: LCS 705-79294/2-A
Matrix: Water
Analysis Batch: 81484

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 79294

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony			0.100	0.101		mg/L		101	80 - 120		

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

Lab Sample ID: LCS 705-79294/2-A
Matrix: Water
Analysis Batch: 81484

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 79294

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.0983		mg/L		98	80 - 120
Barium	0.100	0.103		mg/L		103	80 - 120
Beryllium	0.100	0.0942		mg/L		94	80 - 120
Cadmium	0.100	0.0966		mg/L		97	80 - 120
Chromium	0.100	0.0966		mg/L		97	80 - 120
Cobalt	0.100	0.0970		mg/L		97	80 - 120
Lead	0.100	0.101		mg/L		101	80 - 120
Molybdenum	0.100	0.100		mg/L		100	80 - 120
Selenium	0.100	0.0940		mg/L		94	80 - 120
Thallium	0.100	0.101		mg/L		101	80 - 120

Lab Sample ID: 705-41240-1 MS
Matrix: Water
Analysis Batch: 81484

Client Sample ID: WAN-WGWC-34S
Prep Type: Total Recoverable
Prep Batch: 79294

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0990		mg/L		99	75 - 125
Arsenic	<0.0013		0.100	0.0951		mg/L		95	75 - 125
Barium	0.021		0.100	0.120		mg/L		99	75 - 125
Beryllium	<0.00015		0.100	0.0945		mg/L		94	75 - 125
Cadmium	<0.00024		0.100	0.0940		mg/L		94	75 - 125
Chromium	<0.0037		0.100	0.0945		mg/L		94	75 - 125
Cobalt	0.022		0.100	0.117		mg/L		95	75 - 125
Lead	<0.00086		0.100	0.102		mg/L		102	75 - 125
Molybdenum	<0.00069		0.100	0.0981		mg/L		98	75 - 125
Selenium	<0.0023		0.100	0.0909		mg/L		91	75 - 125
Thallium	<0.00019		0.100	0.101		mg/L		101	75 - 125

Lab Sample ID: 705-41240-1 MSD
Matrix: Water
Analysis Batch: 81484

Client Sample ID: WAN-WGWC-34S
Prep Type: Total Recoverable
Prep Batch: 79294

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0942		mg/L		94	75 - 125	5	20
Arsenic	<0.0013		0.100	0.0906		mg/L		91	75 - 125	5	20
Barium	0.021		0.100	0.114		mg/L		93	75 - 125	5	20
Beryllium	<0.00015		0.100	0.0981		mg/L		98	75 - 125	4	20
Cadmium	<0.00024		0.100	0.0941		mg/L		94	75 - 125	0	20
Chromium	<0.0037		0.100	0.0898		mg/L		90	75 - 125	5	20
Cobalt	0.022		0.100	0.112		mg/L		89	75 - 125	5	20
Lead	<0.00086		0.100	0.0967		mg/L		97	75 - 125	5	20
Molybdenum	<0.00069		0.100	0.0948		mg/L		95	75 - 125	3	20
Selenium	<0.0023		0.100	0.0900		mg/L		90	75 - 125	1	20
Thallium	<0.00019		0.100	0.0976		mg/L		98	75 - 125	4	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-81367/1-A
Matrix: Water
Analysis Batch: 81506

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81367

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		09/12/25 13:37	09/12/25 17:32	1

Lab Sample ID: LCS 705-81367/2-A
Matrix: Water
Analysis Batch: 81506

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81367

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00400	0.00415		mg/L		104	80 - 120		

Lab Sample ID: 705-42149-C-10-F MS
Matrix: Water
Analysis Batch: 81506

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 81367

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.00017		0.00400	0.00423		mg/L		106	75 - 125		

Lab Sample ID: 705-42149-C-10-G MSD
Matrix: Water
Analysis Batch: 81506

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 81367

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00459		mg/L		115	75 - 125	8	20

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

Lab Sample ID: MB 705-78717/1
Matrix: Water
Analysis Batch: 78717

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			08/31/25 15:45	1

Lab Sample ID: LCS 705-78717/2
Matrix: Water
Analysis Batch: 78717

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	1010		mg/L		101	80 - 120		

Lab Sample ID: 705-41348-C-1 DU
Matrix: Water
Analysis Batch: 78717

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	2600			2580		mg/L				0.5	10

QC Association Summary

Client: Southern Company
Job ID: 705-41240-1
Project/Site: Plant Wansley Ash Pond Quarterly 1

HPLC/IC

Analysis Batch: 80409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-41240-1	WAN-WGWC-34S	Total/NA	Water	300.0	
705-41240-2	WAN-AP1-FB-16	Total/NA	Water	300.0	
705-41240-3	WAN-WGWC-35D	Total/NA	Water	300.0	
705-41240-4	WAN-WGWC-35S	Total/NA	Water	300.0	
705-41240-5	WAN-WGWC-36D	Total/NA	Water	300.0	
MB 705-80409/3	Method Blank	Total/NA	Water	300.0	
LCS 705-80409/4	Lab Control Sample	Total/NA	Water	300.0	
705-41240-1 MS	WAN-WGWC-34S	Total/NA	Water	300.0	
705-41240-1 MSD	WAN-WGWC-34S	Total/NA	Water	300.0	

Analysis Batch: 80528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-41240-6	WAN-WGWC-37D	Total/NA	Water	300.0	
705-41240-7	WAN-AP1-FD-10	Total/NA	Water	300.0	
MB 705-80528/3	Method Blank	Total/NA	Water	300.0	
LCS 705-80528/4	Lab Control Sample	Total/NA	Water	300.0	
705-42147-K-1 MS	Matrix Spike	Total/NA	Water	300.0	
705-42147-K-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 79294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-41240-1	WAN-WGWC-34S	Total Recoverable	Water	3005A	
705-41240-2	WAN-AP1-FB-16	Total Recoverable	Water	3005A	
705-41240-3	WAN-WGWC-35D	Total Recoverable	Water	3005A	
705-41240-4	WAN-WGWC-35S	Total Recoverable	Water	3005A	
705-41240-5	WAN-WGWC-36D	Total Recoverable	Water	3005A	
705-41240-6	WAN-WGWC-37D	Total Recoverable	Water	3005A	
705-41240-7	WAN-AP1-FD-10	Total Recoverable	Water	3005A	
MB 705-79294/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-79294/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
705-41240-1 MS	WAN-WGWC-34S	Total Recoverable	Water	3005A	
705-41240-1 MSD	WAN-WGWC-34S	Total Recoverable	Water	3005A	

Prep Batch: 79432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-41240-1	WAN-WGWC-34S	Total/NA	Water	3010A	
705-41240-2	WAN-AP1-FB-16	Total/NA	Water	3010A	
705-41240-3	WAN-WGWC-35D	Total/NA	Water	3010A	
705-41240-4	WAN-WGWC-35S	Total/NA	Water	3010A	
705-41240-5	WAN-WGWC-36D	Total/NA	Water	3010A	
705-41240-6	WAN-WGWC-37D	Total/NA	Water	3010A	
705-41240-7	WAN-AP1-FD-10	Total/NA	Water	3010A	
MB 705-79432/1-A	Method Blank	Total/NA	Water	3010A	
LCS 705-79432/2-A	Lab Control Sample	Total/NA	Water	3010A	
680-266906-C-1-B MS	Matrix Spike	Total/NA	Water	3010A	
680-266906-C-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	

Metals

Analysis Batch: 79530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 705-79432/1-A	Method Blank	Total/NA	Water	6010D	79432
LCS 705-79432/2-A	Lab Control Sample	Total/NA	Water	6010D	79432
680-266906-C-1-B MS	Matrix Spike	Total/NA	Water	6010D	79432
680-266906-C-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010D	79432

Analysis Batch: 79680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-41240-1	WAN-WGWC-34S	Total/NA	Water	6010D	79432
705-41240-2	WAN-AP1-FB-16	Total/NA	Water	6010D	79432
705-41240-3	WAN-WGWC-35D	Total/NA	Water	6010D	79432
705-41240-4	WAN-WGWC-35S	Total/NA	Water	6010D	79432
705-41240-5	WAN-WGWC-36D	Total/NA	Water	6010D	79432
705-41240-6	WAN-WGWC-37D	Total/NA	Water	6010D	79432
705-41240-7	WAN-AP1-FD-10	Total/NA	Water	6010D	79432

Analysis Batch: 79806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-41240-1	WAN-WGWC-34S	Total/NA	Water	6010D	79432
705-41240-2	WAN-AP1-FB-16	Total/NA	Water	6010D	79432
705-41240-3	WAN-WGWC-35D	Total/NA	Water	6010D	79432
705-41240-4	WAN-WGWC-35S	Total/NA	Water	6010D	79432
705-41240-5	WAN-WGWC-36D	Total/NA	Water	6010D	79432
705-41240-6	WAN-WGWC-37D	Total/NA	Water	6010D	79432
705-41240-7	WAN-AP1-FD-10	Total/NA	Water	6010D	79432

Prep Batch: 81367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-41240-1	WAN-WGWC-34S	Total/NA	Water	7470A	
705-41240-2	WAN-AP1-FB-16	Total/NA	Water	7470A	
705-41240-3	WAN-WGWC-35D	Total/NA	Water	7470A	
705-41240-4	WAN-WGWC-35S	Total/NA	Water	7470A	
705-41240-5	WAN-WGWC-36D	Total/NA	Water	7470A	
705-41240-6	WAN-WGWC-37D	Total/NA	Water	7470A	
705-41240-7	WAN-AP1-FD-10	Total/NA	Water	7470A	
MB 705-81367/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-81367/2-A	Lab Control Sample	Total/NA	Water	7470A	
705-42149-C-10-F MS	Matrix Spike	Total/NA	Water	7470A	
705-42149-C-10-G MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 81484

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-41240-1	WAN-WGWC-34S	Total Recoverable	Water	6020B	79294
705-41240-2	WAN-AP1-FB-16	Total Recoverable	Water	6020B	79294
705-41240-3	WAN-WGWC-35D	Total Recoverable	Water	6020B	79294
705-41240-4	WAN-WGWC-35S	Total Recoverable	Water	6020B	79294
705-41240-5	WAN-WGWC-36D	Total Recoverable	Water	6020B	79294
705-41240-6	WAN-WGWC-37D	Total Recoverable	Water	6020B	79294
705-41240-7	WAN-AP1-FD-10	Total Recoverable	Water	6020B	79294
MB 705-79294/1-A	Method Blank	Total Recoverable	Water	6020B	79294
LCS 705-79294/2-A	Lab Control Sample	Total Recoverable	Water	6020B	79294
705-41240-1 MS	WAN-WGWC-34S	Total Recoverable	Water	6020B	79294

Metals (Continued)

Analysis Batch: 81484 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-41240-1 MSD	WAN-WGWC-34S	Total Recoverable	Water	6020B	79294

Analysis Batch: 81506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-41240-1	WAN-WGWC-34S	Total/NA	Water	7470A	81367
705-41240-2	WAN-AP1-FB-16	Total/NA	Water	7470A	81367
705-41240-3	WAN-WGWC-35D	Total/NA	Water	7470A	81367
705-41240-4	WAN-WGWC-35S	Total/NA	Water	7470A	81367
705-41240-5	WAN-WGWC-36D	Total/NA	Water	7470A	81367
705-41240-6	WAN-WGWC-37D	Total/NA	Water	7470A	81367
705-41240-7	WAN-AP1-FD-10	Total/NA	Water	7470A	81367
MB 705-81367/1-A	Method Blank	Total/NA	Water	7470A	81367
LCS 705-81367/2-A	Lab Control Sample	Total/NA	Water	7470A	81367
705-42149-C-10-F MS	Matrix Spike	Total/NA	Water	7470A	81367
705-42149-C-10-G MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	81367

Analysis Batch: 81711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-41240-1	WAN-WGWC-34S	Total/NA	Water	6010D	79432
705-41240-2	WAN-AP1-FB-16	Total/NA	Water	6010D	79432
705-41240-3	WAN-WGWC-35D	Total/NA	Water	6010D	79432
705-41240-4	WAN-WGWC-35S	Total/NA	Water	6010D	79432
705-41240-5	WAN-WGWC-36D	Total/NA	Water	6010D	79432
705-41240-6	WAN-WGWC-37D	Total/NA	Water	6010D	79432
705-41240-7	WAN-AP1-FD-10	Total/NA	Water	6010D	79432
MB 705-79432/1-A	Method Blank	Total/NA	Water	6010D	79432
LCS 705-79432/2-A	Lab Control Sample	Total/NA	Water	6010D	79432
680-266906-C-1-B MS	Matrix Spike	Total/NA	Water	6010D	79432
680-266906-C-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010D	79432

General Chemistry

Analysis Batch: 78717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-41240-1	WAN-WGWC-34S	Total/NA	Water	2540C - 2015	
705-41240-2	WAN-AP1-FB-16	Total/NA	Water	2540C - 2015	
705-41240-3	WAN-WGWC-35D	Total/NA	Water	2540C - 2015	
705-41240-4	WAN-WGWC-35S	Total/NA	Water	2540C - 2015	
705-41240-5	WAN-WGWC-36D	Total/NA	Water	2540C - 2015	
705-41240-6	WAN-WGWC-37D	Total/NA	Water	2540C - 2015	
705-41240-7	WAN-AP1-FD-10	Total/NA	Water	2540C - 2015	
MB 705-78717/1	Method Blank	Total/NA	Water	2540C - 2015	
LCS 705-78717/2	Lab Control Sample	Total/NA	Water	2540C - 2015	
705-41348-C-1 DU	Duplicate	Total/NA	Water	2540C - 2015	

Lab Chronicle

Client: Southern Company
Job ID: 705-41240-1
Project/Site: Plant Wansley Ash Pond Quarterly 1

Client Sample ID: WAN-WGWC-34S
Lab Sample ID: 705-41240-1
Date Collected: 08/25/25 15:15
Matrix: Water
Date Received: 08/28/25 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	80409	MS	EET ATL	09/09/25 12:04
Total/NA	Prep	3010A			79432	SA	EET ATL	09/04/25 12:26
Total/NA	Analysis	6010D		1	79680	DAB	EET ATL	09/04/25 17:47
Total/NA	Prep	3010A			79432	SA	EET ATL	09/04/25 12:26
Total/NA	Analysis	6010D		1	79806	DAB	EET ATL	09/05/25 12:44
Total/NA	Prep	3010A			79432	SA	EET ATL	09/04/25 12:26
Total/NA	Analysis	6010D		1	81711	KB	EET ATL	09/12/25 13:06
Total Recoverable	Prep	3005A			79294	BR	EET ATL	09/04/25 09:28
Total Recoverable	Analysis	6020B		1	81484	CL	EET ATL	09/08/25 18:45
Total/NA	Prep	7470A			81367	GR	EET ATL	09/12/25 13:37
Total/NA	Analysis	7470A		1	81506	GR	EET ATL	09/12/25 18:51
Total/NA	Analysis	2540C - 2015		1	78717	NN	EET ATL	08/31/25 15:45

Client Sample ID: WAN-AP1-FB-16
Lab Sample ID: 705-41240-2
Date Collected: 08/25/25 16:00
Matrix: Water
Date Received: 08/28/25 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	80409	MS	EET ATL	09/09/25 12:15
Total/NA	Prep	3010A			79432	SA	EET ATL	09/04/25 12:26
Total/NA	Analysis	6010D		1	79680	DAB	EET ATL	09/04/25 17:50
Total/NA	Prep	3010A			79432	SA	EET ATL	09/04/25 12:26
Total/NA	Analysis	6010D		1	79806	DAB	EET ATL	09/05/25 12:47
Total/NA	Prep	3010A			79432	SA	EET ATL	09/04/25 12:26
Total/NA	Analysis	6010D		1	81711	KB	EET ATL	09/12/25 13:08
Total Recoverable	Prep	3005A			79294	BR	EET ATL	09/04/25 09:28
Total Recoverable	Analysis	6020B		1	81484	CL	EET ATL	09/08/25 18:57
Total/NA	Prep	7470A			81367	GR	EET ATL	09/12/25 13:37
Total/NA	Analysis	7470A		1	81506	GR	EET ATL	09/12/25 19:06
Total/NA	Analysis	2540C - 2015		1	78717	NN	EET ATL	08/31/25 15:45

Client Sample ID: WAN-WGWC-35D
Lab Sample ID: 705-41240-3
Date Collected: 08/26/25 11:40
Matrix: Water
Date Received: 08/28/25 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	80409	MS	EET ATL	09/09/25 12:49
Total/NA	Prep	3010A			79432	SA	EET ATL	09/04/25 12:26
Total/NA	Analysis	6010D		1	79680	DAB	EET ATL	09/04/25 17:53
Total/NA	Prep	3010A			79432	SA	EET ATL	09/04/25 12:26
Total/NA	Analysis	6010D		1	79806	DAB	EET ATL	09/05/25 12:50
Total/NA	Prep	3010A			79432	SA	EET ATL	09/04/25 12:26
Total/NA	Analysis	6010D		1	81711	KB	EET ATL	09/12/25 13:09

Lab Chronicle

Client: Southern Company
Job ID: 705-41240-1
Project/Site: Plant Wansley Ash Pond Quarterly 1

Client Sample ID: WAN-WGWC-35D
Lab Sample ID: 705-41240-3
Date Collected: 08/26/25 11:40
Matrix: Water
Date Received: 08/28/25 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			79294	BR	EET ATL	09/04/25 09:28
Total Recoverable	Analysis	6020B		1	81484	CL	EET ATL	09/08/25 19:00
Total/NA	Prep	7470A			81367	GR	EET ATL	09/12/25 13:37
Total/NA	Analysis	7470A		1	81506	GR	EET ATL	09/12/25 19:10
Total/NA	Analysis	2540C - 2015		1	78717	NN	EET ATL	08/31/25 15:45

Client Sample ID: WAN-WGWC-35S
Lab Sample ID: 705-41240-4
Date Collected: 08/26/25 14:40
Matrix: Water
Date Received: 08/28/25 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	80409	MS	EET ATL	09/09/25 13:00
Total/NA	Prep	3010A			79432	SA	EET ATL	09/04/25 12:26
Total/NA	Analysis	6010D		1	79680	DAB	EET ATL	09/04/25 17:56
Total/NA	Prep	3010A			79432	SA	EET ATL	09/04/25 12:26
Total/NA	Analysis	6010D		1	79806	DAB	EET ATL	09/05/25 12:53
Total/NA	Prep	3010A			79432	SA	EET ATL	09/04/25 12:26
Total/NA	Analysis	6010D		1	81711	KB	EET ATL	09/12/25 13:11
Total Recoverable	Prep	3005A			79294	BR	EET ATL	09/04/25 09:28
Total Recoverable	Analysis	6020B		1	81484	CL	EET ATL	09/08/25 19:02
Total/NA	Prep	7470A			81367	GR	EET ATL	09/12/25 13:37
Total/NA	Analysis	7470A		1	81506	GR	EET ATL	09/12/25 19:14
Total/NA	Analysis	2540C - 2015		1	78717	NN	EET ATL	08/31/25 15:45

Client Sample ID: WAN-WGWC-36D
Lab Sample ID: 705-41240-5
Date Collected: 08/26/25 16:55
Matrix: Water
Date Received: 08/28/25 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	80409	MS	EET ATL	09/09/25 13:12
Total/NA	Prep	3010A			79432	SA	EET ATL	09/04/25 12:26
Total/NA	Analysis	6010D		1	79680	DAB	EET ATL	09/04/25 18:07
Total/NA	Prep	3010A			79432	SA	EET ATL	09/04/25 12:26
Total/NA	Analysis	6010D		1	79806	DAB	EET ATL	09/05/25 12:55
Total/NA	Prep	3010A			79432	SA	EET ATL	09/04/25 12:26
Total/NA	Analysis	6010D		1	81711	KB	EET ATL	09/12/25 13:13
Total Recoverable	Prep	3005A			79294	BR	EET ATL	09/04/25 09:28
Total Recoverable	Analysis	6020B		1	81484	CL	EET ATL	09/08/25 19:19
Total/NA	Prep	7470A			81367	GR	EET ATL	09/12/25 13:37
Total/NA	Analysis	7470A		1	81506	GR	EET ATL	09/12/25 19:18
Total/NA	Analysis	2540C - 2015		1	78717	NN	EET ATL	08/31/25 15:45

Lab Chronicle

Client: Southern Company
Job ID: 705-41240-1
Project/Site: Plant Wansley Ash Pond Quarterly 1

Client Sample ID: WAN-WGWC-37D
Lab Sample ID: 705-41240-6

Date Collected: 08/27/25 16:00
Matrix: Water
Date Received: 08/28/25 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	80528	MS	EET ATL	09/09/25 19:05
Total/NA	Prep	3010A			79432	SA	EET ATL	09/04/25 12:26
Total/NA	Analysis	6010D		1	79680	DAB	EET ATL	09/04/25 18:16
Total/NA	Prep	3010A			79432	SA	EET ATL	09/04/25 12:26
Total/NA	Analysis	6010D		1	79806	DAB	EET ATL	09/05/25 13:04
Total/NA	Prep	3010A			79432	SA	EET ATL	09/04/25 12:26
Total/NA	Analysis	6010D		1	81711	KB	EET ATL	09/12/25 13:14
Total Recoverable	Prep	3005A			79294	BR	EET ATL	09/04/25 09:28
Total Recoverable	Analysis	6020B		1	81484	CL	EET ATL	09/08/25 19:22
Total/NA	Prep	7470A			81367	GR	EET ATL	09/12/25 13:37
Total/NA	Analysis	7470A		1	81506	GR	EET ATL	09/12/25 19:22
Total/NA	Analysis	2540C - 2015		1	78717	NN	EET ATL	08/31/25 15:45

Client Sample ID: WAN-AP1-FD-10
Lab Sample ID: 705-41240-7

Date Collected: 08/27/25 00:00
Matrix: Water
Date Received: 08/28/25 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	80528	MS	EET ATL	09/09/25 19:16
Total/NA	Prep	3010A			79432	SA	EET ATL	09/04/25 12:26
Total/NA	Analysis	6010D		1	79680	DAB	EET ATL	09/04/25 18:18
Total/NA	Prep	3010A			79432	SA	EET ATL	09/04/25 12:26
Total/NA	Analysis	6010D		1	79806	DAB	EET ATL	09/05/25 13:07
Total/NA	Prep	3010A			79432	SA	EET ATL	09/04/25 12:26
Total/NA	Analysis	6010D		1	81711	KB	EET ATL	09/12/25 13:19
Total Recoverable	Prep	3005A			79294	BR	EET ATL	09/04/25 09:28
Total Recoverable	Analysis	6020B		1	81484	CL	EET ATL	09/08/25 19:24
Total/NA	Prep	7470A			81367	GR	EET ATL	09/12/25 13:37
Total/NA	Analysis	7470A		1	81506	GR	EET ATL	09/12/25 19:26
Total/NA	Analysis	2540C - 2015		1	78717	NN	EET ATL	08/31/25 15:45

Laboratory References:

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

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-41240-1
Project/Site: Plant Wansley Ash Pond Quarterly 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

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JOB DESCRIPTION

Plant Wansley Ash Pond Quarterly 1

JOB NUMBER

705-41240-2

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
Job ID: 705-41240-2
Project/Site: Plant Wansley Ash Pond Quarterly 1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-41240-1	WAN-WGWC-34S	Water	08/25/25 15:15	08/28/25 09:05	Georgia
705-41240-2	WAN-AP1-FB-16	Water	08/25/25 16:00	08/28/25 09:05	Georgia
705-41240-3	WAN-WGWC-35D	Water	08/26/25 11:40	08/28/25 09:05	Georgia
705-41240-4	WAN-WGWC-35S	Water	08/26/25 14:40	08/28/25 09:05	Georgia
705-41240-5	WAN-WGWC-36D	Water	08/26/25 16:55	08/28/25 09:05	Georgia
705-41240-6	WAN-WGWC-37D	Water	08/27/25 16:00	08/28/25 09:05	Georgia
705-41240-7	WAN-AP1-FD-10	Water	08/27/25 00:00	08/28/25 09:05	Georgia

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: C. Hamm 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
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:	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)
City: Atlanta	TAT Requested (days):			Other:
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 1	Project #:			Task_Code: WAN-CCR-OTH-2025 08 25
Site:	SSOW#:			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-34S	08/25/25	1515	G	WG	N	N	X	X	X	X	X	X	X	X	X	5
WAN- API-FB-16	08/25/25	1600	G	WQ	N	N	X	X	X	X	X	X	X	X	X	5
WAN- WGWC-35D	08/26/25	1140	G	WG	N	N	X	X	X	X	X	X	X	X	X	5
WAN- WGWC-35S	08/26/25	1440	G	WG	N	N	X	X	X	X	X	X	X	X	X	5
WAN- WGWC-36D	08/26/25	1655	G	WG	N	N	X	X	X	X	X	X	X	X	X	5
WAN- WGWC-37D	08/27/25	1600	G	WG	N	N	X	X	X	X	X	X	X	X	X	5
WAN- API-FD-10	08/27/25	—	G	WG	N	N	X	X	X	X	X	X	X	X	X	5
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										

705-41240 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
	8-28-2025/0800	ACC	Kathryn Carnes	8-28-2025/0800	ACC
Relinquished by: Kathryn Carnes	Date/Time: 8-28-2025/0905	Company ACC	Received by:	Date/Time: 8-28 2025/	Company 09:05
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: △ Yes △ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: CL 0.2 0.2 #2665

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-41240-2

Login Number: 41240

List Source: Eurofins Atlanta

List Number: 1

Creator: Myndresku, Victor

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: 705-41240-2

Login Number: 41240
List Number: 2
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 08/29/25 01:06 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
Job ID: 705-41240-2
Project/Site: Plant Wansley Ash Pond Quarterly 1

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
705-41240-2

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 8/28/2025 9:05 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.2°C and 0.2°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 ID: WAN-WGWC-34S
Lab Sample ID: 705-41240-1

Date Collected: 08/25/25 15:15
Matrix: Water
Date Received: 08/28/25 09:05

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	0.112	0.113	1.00	0.169	pCi/L	09/05/25 08:21	09/29/25 07:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.5*		*30 - 110*	*09/05/25 08:21*	*09/29/25 07:49*	*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	0.474	U	0.357	0.360	1.00	0.545	pCi/L	09/05/25 08:28	09/25/25 09:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.5*		*30 - 110*	*09/05/25 08:28*	*09/25/25 09:54*	*1*
Y Carrier	*79.3*		*30 - 110*	*09/05/25 08:28*	*09/25/25 09:54*	*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	**0.608**		0.374	0.377	5.00	0.545	pCi/L		09/29/25 14:09	1

Client Sample ID: WAN-AP1-FB-16
Lab Sample ID: 705-41240-2

Date Collected: 08/25/25 16:00
Matrix: Water
Date Received: 08/28/25 09:05

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0492	U	0.0746	0.0748	1.00	0.129	pCi/L	09/05/25 08:21	09/29/25 07:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.2*		*30 - 110*	*09/05/25 08:21*	*09/29/25 07:49*	*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	0.471	U	0.338	0.340	1.00	0.508	pCi/L	09/05/25 08:28	09/25/25 09:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.2*		*30 - 110*	*09/05/25 08:28*	*09/25/25 09:54*	*1*
Y Carrier	*77.0*		*30 - 110*	*09/05/25 08:28*	*09/25/25 09:54*	*1*

Client Sample ID: WAN-AP1-FB-16
Lab Sample ID: 705-41240-2

Date Collected: 08/25/25 16:00
Matrix: Water
Date Received: 08/28/25 09:05

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	0.520		0.346	0.348	5.00	0.508	pCi/L		09/29/25 14:09	1

Client Sample ID: WAN-WGWC-35D
Lab Sample ID: 705-41240-3

Date Collected: 08/26/25 11:40
Matrix: Water
Date Received: 08/28/25 09:05

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		0.143	0.148	1.00	0.142	pCi/L	09/05/25 08:21	09/29/25 08:15	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.4*		*30 - 110*	*09/05/25 08:21*	*09/29/25 08:15*	*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	0.190	U	0.332	0.332	1.00	0.568	pCi/L	09/05/25 08:28	09/25/25 09:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.4*		*30 - 110*	*09/05/25 08:28*	*09/25/25 09:54*	*1*
Y Carrier	*77.8*		*30 - 110*	*09/05/25 08:28*	*09/25/25 09:54*	*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	0.592		0.361	0.363	5.00	0.568	pCi/L		09/29/25 14:09	1

Client Sample ID: WAN-WGWC-35S
Lab Sample ID: 705-41240-4

Date Collected: 08/26/25 14:40
Matrix: Water
Date Received: 08/28/25 09:05

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.208		0.128	0.129	1.00	0.174	pCi/L	09/05/25 08:21	09/29/25 08:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.6*		*30 - 110*	*09/05/25 08:21*	*09/29/25 08:16*	*1*

Client Sample ID: WAN-WGWC-35S
Lab Sample ID: 705-41240-4

Date Collected: 08/26/25 14:40
Matrix: Water
Date Received: 08/28/25 09:05

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.912		0.495	0.502	1.00	0.718	pCi/L	09/05/25 08:28	09/25/25 09:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.6*		*30 - 110*	*09/05/25 08:28*	*09/25/25 09:55*	*1*
Y Carrier	*76.3*		*30 - 110*	*09/05/25 08:28*	*09/25/25 09:55*	*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	1.12		0.511	0.518	5.00	0.718	pCi/L		09/29/25 14:09	1

Client Sample ID: WAN-WGWC-36D
Lab Sample ID: 705-41240-5

Date Collected: 08/26/25 16:55
Matrix: Water
Date Received: 08/28/25 09:05

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.342		0.143	0.146	1.00	0.163	pCi/L	09/05/25 08:21	09/29/25 08:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.2*		*30 - 110*	*09/05/25 08:21*	*09/29/25 08:16*	*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	1.12		0.475	0.486	1.00	0.640	pCi/L	09/05/25 08:28	09/25/25 09:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.2*		*30 - 110*	*09/05/25 08:28*	*09/25/25 09:55*	*1*
Y Carrier	*75.9*		*30 - 110*	*09/05/25 08:28*	*09/25/25 09:55*	*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	1.47		0.496	0.507	5.00	0.640	pCi/L		09/29/25 14:09	1

Client Sample ID: WAN-WGWC-37D
Lab Sample ID: 705-41240-6

Date Collected: 08/27/25 16:00
Matrix: Water
Date Received: 08/28/25 09:05

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.868		0.216	0.230	1.00	0.190	pCi/L	09/05/25 08:21	09/29/25 08:16	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	86.8		30 - 110	09/05/25 08:21	09/29/25 08:16	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	2.30		0.566	0.605	1.00	0.570	pCi/L	09/05/25 08:28	09/25/25 09:55	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	86.8		30 - 110	09/05/25 08:28	09/25/25 09:55	1
Y Carrier	76.6		30 - 110	09/05/25 08:28	09/25/25 09:55	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	3.17		0.606	0.647	5.00	0.570	pCi/L		09/29/25 14:09	1

Client Sample ID: WAN-AP1-FD-10
Lab Sample ID: 705-41240-7

Date Collected: 08/27/25 00:00
Matrix: Water
Date Received: 08/28/25 09:05

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.49		0.268	0.299	1.00	0.176	pCi/L	09/05/25 08:21	09/29/25 08:16	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	87.1		30 - 110	09/05/25 08:21	09/29/25 08:16	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	3.09		0.655	0.714	1.00	0.679	pCi/L	09/05/25 08:28	09/25/25 09:55	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	87.1		30 - 110	09/05/25 08:28	09/25/25 09:55	1
Y Carrier	80.4		30 - 110	09/05/25 08:28	09/25/25 09:55	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 1

Job ID: 705-41240-2

Client Sample ID: WAN-AP1-FD-10

Date Collected: 08/27/25 00:00
Date Received: 08/28/25 09:05

Lab Sample ID: 705-41240-7

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	4.58		0.708	0.774	5.00	0.679	pCi/L		09/29/25 14:09	1

Tracer/Carrier Summary

Client: Southern Company
Job ID: 705-41240-2
Project/Site: Plant Wansley Ash Pond Quarterly 1

Method: 9315 - Radium-226 (GFPC)

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

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
400-281649-D-10-A DU	Duplicate	92.2
705-41240-1	WAN-WGWC-34S	89.5
705-41240-2	WAN-AP1-FB-16	93.2
705-41240-3	WAN-WGWC-35D	93.4
705-41240-4	WAN-WGWC-35S	85.6
705-41240-5	WAN-WGWC-36D	91.2
705-41240-6	WAN-WGWC-37D	86.8
705-41240-7	WAN-AP1-FD-10	87.1
LCS 160-734888/2-A	Lab Control Sample	88.3
MB 160-734888/1-A	Method Blank	87.1

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)
400-281649-D-10-B DU	Duplicate	92.2	77.8
705-41240-1	WAN-WGWC-34S	89.5	79.3
705-41240-2	WAN-AP1-FB-16	93.2	77.0
705-41240-3	WAN-WGWC-35D	93.4	77.8
705-41240-4	WAN-WGWC-35S	85.6	76.3
705-41240-5	WAN-WGWC-36D	91.2	75.9
705-41240-6	WAN-WGWC-37D	86.8	76.6
705-41240-7	WAN-AP1-FD-10	87.1	80.4
LCS 160-734889/2-A	Lab Control Sample	88.3	82.2
MB 160-734889/1-A	Method Blank	87.1	82.6

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Method Summary

Client: Southern Company
Job ID: 705-41240-2
Project/Site: Plant Wansley Ash Pond Quarterly 1

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

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-734888/1-A
Matrix: Water
Analysis Batch: 738152

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734888

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1321	U	0.102	0.103	1.00	0.146	pCi/L	09/05/25 08:21	09/29/25 07:46	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.1*		*30 - 110*	*09/05/25 08:21*	*09/29/25 07:46*	*1*

Lab Sample ID: LCS 160-734888/2-A
Matrix: Water
Analysis Batch: 738152

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734888

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	9.464		1.06	1.00	0.200	pCi/L	99	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*88.3*		*30 - 110*

Lab Sample ID: 400-281649-D-10-A DU
Matrix: Water
Analysis Batch: 738152

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 734888

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	-0.00100	U		-0.03575	U	0.0702	1.00	0.161	pCi/L			0.23	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*92.2*		*30 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-734889/1-A
Matrix: Water
Analysis Batch: 737637

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 734889

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.5959		0.381	0.384	1.00	0.565	pCi/L	09/05/25 08:28	09/25/25 09:53	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.1*		*30 - 110*	*09/05/25 08:28*	*09/25/25 09:53*	*1*
Y Carrier	*82.6*		*30 - 110*	*09/05/25 08:28*	*09/25/25 09:53*	*1*

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

Lab Sample ID: LCS 160-734889/2-A
Matrix: Water
Analysis Batch: 737637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 734889

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.04	11.16		1.46	1.00	0.571	pCi/L	124	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*88.3*		*30 - 110*
Y Carrier	*82.2*		*30 - 110*

Lab Sample ID: 400-281649-D-10-B DU
Matrix: Water
Analysis Batch: 737637

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 734889

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.605	U		0.6350		0.387	1.00	0.558	pCi/L			0.04	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*92.2*		*30 - 110*
Y Carrier	*77.8*		*30 - 110*

QC Association Summary

Client: Southern Company
Job ID: 705-41240-2
Project/Site: Plant Wansley Ash Pond Quarterly 1

Rad

Prep Batch: 734888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-41240-1	WAN-WGWC-34S	Total/NA	Water	PrecSep-21	
705-41240-2	WAN-AP1-FB-16	Total/NA	Water	PrecSep-21	
705-41240-3	WAN-WGWC-35D	Total/NA	Water	PrecSep-21	
705-41240-4	WAN-WGWC-35S	Total/NA	Water	PrecSep-21	
705-41240-5	WAN-WGWC-36D	Total/NA	Water	PrecSep-21	
705-41240-6	WAN-WGWC-37D	Total/NA	Water	PrecSep-21	
705-41240-7	WAN-AP1-FD-10	Total/NA	Water	PrecSep-21	
MB 160-734888/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-734888/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
400-281649-D-10-A DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 734889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-41240-1	WAN-WGWC-34S	Total/NA	Water	PrecSep_0	
705-41240-2	WAN-AP1-FB-16	Total/NA	Water	PrecSep_0	
705-41240-3	WAN-WGWC-35D	Total/NA	Water	PrecSep_0	
705-41240-4	WAN-WGWC-35S	Total/NA	Water	PrecSep_0	
705-41240-5	WAN-WGWC-36D	Total/NA	Water	PrecSep_0	
705-41240-6	WAN-WGWC-37D	Total/NA	Water	PrecSep_0	
705-41240-7	WAN-AP1-FD-10	Total/NA	Water	PrecSep_0	
MB 160-734889/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-734889/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
400-281649-D-10-B DU	Duplicate	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: Southern Company
Job ID: 705-41240-2
Project/Site: Plant Wansley Ash Pond Quarterly 1

Client Sample ID: WAN-WGWC-34S
Lab Sample ID: 705-41240-1
Date Collected: 08/25/25 15:15
Matrix: Water
Date Received: 08/28/25 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734888	JTR	EET SL	09/05/25 08:21
Total/NA	Analysis	9315		1	738152	SWS	EET SL	09/29/25 07:49
Total/NA	Prep	PrecSep_0			734889	JTR	EET SL	09/05/25 08:28
Total/NA	Analysis	9320		1	737637	SWS	EET SL	09/25/25 09:54
Total/NA	Analysis	Ra226_Ra228		1	738200	CAH	EET SL	09/29/25 14:09

Client Sample ID: WAN-AP1-FB-16
Lab Sample ID: 705-41240-2
Date Collected: 08/25/25 16:00
Matrix: Water
Date Received: 08/28/25 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734888	JTR	EET SL	09/05/25 08:21
Total/NA	Analysis	9315		1	738152	SWS	EET SL	09/29/25 07:49
Total/NA	Prep	PrecSep_0			734889	JTR	EET SL	09/05/25 08:28
Total/NA	Analysis	9320		1	737637	SWS	EET SL	09/25/25 09:54
Total/NA	Analysis	Ra226_Ra228		1	738200	CAH	EET SL	09/29/25 14:09

Client Sample ID: WAN-WGWC-35D
Lab Sample ID: 705-41240-3
Date Collected: 08/26/25 11:40
Matrix: Water
Date Received: 08/28/25 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734888	JTR	EET SL	09/05/25 08:21
Total/NA	Analysis	9315		1	738153	SWS	EET SL	09/29/25 08:15
Total/NA	Prep	PrecSep_0			734889	JTR	EET SL	09/05/25 08:28
Total/NA	Analysis	9320		1	737637	SWS	EET SL	09/25/25 09:54
Total/NA	Analysis	Ra226_Ra228		1	738200	CAH	EET SL	09/29/25 14:09

Client Sample ID: WAN-WGWC-35S
Lab Sample ID: 705-41240-4
Date Collected: 08/26/25 14:40
Matrix: Water
Date Received: 08/28/25 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734888	JTR	EET SL	09/05/25 08:21
Total/NA	Analysis	9315		1	738153	SWS	EET SL	09/29/25 08:16
Total/NA	Prep	PrecSep_0			734889	JTR	EET SL	09/05/25 08:28
Total/NA	Analysis	9320		1	737637	SWS	EET SL	09/25/25 09:55
Total/NA	Analysis	Ra226_Ra228		1	738200	CAH	EET SL	09/29/25 14:09

Lab Chronicle

Client: Southern Company
Job ID: 705-41240-2
Project/Site: Plant Wansley Ash Pond Quarterly 1

Client Sample ID: WAN-WGWC-36D
Lab Sample ID: 705-41240-5

Date Collected: 08/26/25 16:55
Matrix: Water
Date Received: 08/28/25 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734888	JTR	EET SL	09/05/25 08:21
Total/NA	Analysis	9315		1	738153	SWS	EET SL	09/29/25 08:16
Total/NA	Prep	PrecSep_0			734889	JTR	EET SL	09/05/25 08:28
Total/NA	Analysis	9320		1	737637	SWS	EET SL	09/25/25 09:55
Total/NA	Analysis	Ra226_Ra228		1	738200	CAH	EET SL	09/29/25 14:09

Client Sample ID: WAN-WGWC-37D
Lab Sample ID: 705-41240-6

Date Collected: 08/27/25 16:00
Matrix: Water
Date Received: 08/28/25 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734888	JTR	EET SL	09/05/25 08:21
Total/NA	Analysis	9315		1	738153	SWS	EET SL	09/29/25 08:16
Total/NA	Prep	PrecSep_0			734889	JTR	EET SL	09/05/25 08:28
Total/NA	Analysis	9320		1	737637	SWS	EET SL	09/25/25 09:55
Total/NA	Analysis	Ra226_Ra228		1	738200	CAH	EET SL	09/29/25 14:09

Client Sample ID: WAN-AP1-FD-10
Lab Sample ID: 705-41240-7

Date Collected: 08/27/25 00:00
Matrix: Water
Date Received: 08/28/25 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			734888	JTR	EET SL	09/05/25 08:21
Total/NA	Analysis	9315		1	738153	SWS	EET SL	09/29/25 08:16
Total/NA	Prep	PrecSep_0			734889	JTR	EET SL	09/05/25 08:28
Total/NA	Analysis	9320		1	737637	SWS	EET SL	09/25/25 09:55
Total/NA	Analysis	Ra226_Ra228		1	738200	CAH	EET SL	09/29/25 14:09

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: 705-41240-2
Project/Site: Plant Wansley Ash Pond Quarterly 1

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 9/3/2025 9:49:00 AM

JOB DESCRIPTION

Plant Wansley Ash Pond - Risk Evaluation

JOB NUMBER

705-40819-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

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

Authorization



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9/3/2025 9:49:00 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 - Risk Evaluation

Job ID: 705-40819-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-40819-1	WAN-WCR(+0.1)	Water	08/21/25 15:45	08/22/25 10:33	Georgia
705-40819-2	WAN-WCR(-0.6)	Water	08/21/25 16:17	08/22/25 10:33	Georgia
705-40819-3	WAN-WCR(+1.9)	Water	08/21/25 17:05	08/22/25 10:33	Georgia

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 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		Analysis Requested		Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			Preservation Codes:
City: Atlanta	TAT Requested (days):			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)
State, Zip: GA, 30308				Other:
Phone: 404-506-7116(Tel)	Lab Project #: 70504536			
Email: SCS Contacts / Geosyntec Contacts / ACC Contacts	PO #: GPC82130-0004 / PO Line #1			
Project Name: Plant Wansley Ash Pond - Risk Evaluation	Project #:			
Site:	SSOW#:			

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 - Lithium	6010D - Dissolved Lithium (Lab Filtered)	Total Number of containers	Task_Code: WAN-CSURF-ASSMT-2025S2 Special Instructions/Note: If Dissolved Metals required, lab to filter.
			Preservation Code:				D	N		
WAN-WCR(+0.1)	08/21/25	1545	G	WS	N	N	✓	✓	2	
WAN-WCR(-0.6)	08/21/25	1617	G	WS	N	N	✓	✓	2	
WAN-WCR(+1.9)	08/21/25	1705	G	WS	N	N	✓	✓	2	

705-40819 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: **Do NOT report to MDL, and do NOT include J-flagged data**

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	H. Auld	8-22-25/1033		[illegible]	8.22.25 10:33	
2						
3						

Custody Seals Intact: △ Yes △ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: CL # 2665 3.1 1.2 2.0 1.9 1.7

Ver: 01/16/2019

9/3/2025

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-40819-1

Login Number: 40819
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
Job ID: 705-40819-1
Project/Site: Plant Wansley Ash Pond - Risk Evaluation

Qualifiers

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
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 ID: 705-40819-1 Eurofins Atlanta

Job Narrative
705-40819-1

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 10:33 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 3.1°C.

Metals
Method 6010D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 705-78092 and analytical batch 705-78774 recovered outside control limits for the following analytes: Lithium. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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

Detection Summary

Client: Southern Company
Job ID: 705-40819-1
Project/Site: Plant Wansley Ash Pond - Risk Evaluation

Client Sample ID: WAN-WCR(+0.1) — Lab Sample ID: 705-40819-1

No Detections.

Client Sample ID: WAN-WCR(-0.6) — Lab Sample ID: 705-40819-2

No Detections.

Client Sample ID: WAN-WCR(+1.9) — Lab Sample ID: 705-40819-3

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Southern Company
Job ID: 705-40819-1
Project/Site: Plant Wansley Ash Pond - Risk Evaluation

Client Sample ID: WAN-WCR(+0.1)
Lab Sample ID: 705-40819-1
Date Collected: 08/21/25 15:45
Matrix: Water
Date Received: 08/22/25 10:33

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.020	*+	0.020	0.0037	mg/L		08/28/25 11:30	08/31/25 11:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium, Dissolved	<0.020		0.020	0.0037	mg/L			08/31/25 12:19	1

Client Sample ID: WAN-WCR(-0.6)
Lab Sample ID: 705-40819-2
Date Collected: 08/21/25 16:17
Matrix: Water
Date Received: 08/22/25 10:33

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.020	*+	0.020	0.0037	mg/L		08/28/25 11:30	08/31/25 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium, Dissolved	<0.020		0.020	0.0037	mg/L			08/31/25 12:21	1

Client Sample ID: WAN-WCR(+1.9)
Lab Sample ID: 705-40819-3
Date Collected: 08/21/25 17:05
Matrix: Water
Date Received: 08/22/25 10:33

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.020	*+	0.020	0.0037	mg/L		08/28/25 11:30	08/31/25 12:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium, Dissolved	<0.020		0.020	0.0037	mg/L			08/31/25 12:23	1

Method Summary

Client: Southern Company
Job ID: 705-40819-1
Project/Site: Plant Wansley Ash Pond - Risk Evaluation

Method	Method Description	Protocol	Laboratory
6010D	Metals (ICP)	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
Filtration	Sample Filtration	None	EET ATL

Protocol References:

None = None

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

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-78092/1-A
Matrix: Water
Analysis Batch: 78774

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78092

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.020		0.020	0.0037	mg/L		08/28/25 11:30	08/31/25 11:37	1

Lab Sample ID: LCS 705-78092/2-A
Matrix: Water
Analysis Batch: 78774

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78092

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	1.33	*+	mg/L		133	80 - 120

Lab Sample ID: 705-41009-D-45-B MS
Matrix: Water
Analysis Batch: 78774

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 78092

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	<0.020	F1 *+	1.00	1.31	F1	mg/L		131	75 - 125

Lab Sample ID: 705-41009-D-45-C MSD
Matrix: Water
Analysis Batch: 78774

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 78092

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.020	F1 *+	1.00	1.31	F1	mg/L		131	75 - 125	0	20

Lab Sample ID: MB 705-77351/1-A
Matrix: Water
Analysis Batch: 78775

Client Sample ID: Method Blank
Prep Type: Dissolved

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium, Dissolved	<0.020		0.020	0.0037	mg/L			08/31/25 12:02	1

Lab Sample ID: LCS 705-77351/2-A
Matrix: Water
Analysis Batch: 78775

Client Sample ID: Lab Control Sample
Prep Type: Dissolved

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium, Dissolved	1.00	1.17		mg/L		117	80 - 120

Lab Sample ID: 705-40610-M-1-B MS
Matrix: Water
Analysis Batch: 78775

Client Sample ID: Matrix Spike
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium, Dissolved	<0.020	F1	1.00	1.46	F1	mg/L		145	75 - 125

Lab Sample ID: 705-40610-M-1-C MSD
Matrix: Water
Analysis Batch: 78775

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium, Dissolved	<0.020	F1	1.00	1.45	F1	mg/L		144	75 - 125	0	20

QC Association Summary

Client: Southern Company
Job ID: 705-40819-1
Project/Site: Plant Wansley Ash Pond - Risk Evaluation

Metals

Filtration Batch: 77351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40819-1	WAN-WCR(+0.1)	Dissolved	Water	Filtration	
705-40819-2	WAN-WCR(-0.6)	Dissolved	Water	Filtration	
705-40819-3	WAN-WCR(+1.9)	Dissolved	Water	Filtration	
MB 705-77351/1-A	Method Blank	Dissolved	Water	Filtration	
LCS 705-77351/2-A	Lab Control Sample	Dissolved	Water	Filtration	
705-40610-M-1-B MS	Matrix Spike	Dissolved	Water	Filtration	
705-40610-M-1-C MSD	Matrix Spike Duplicate	Dissolved	Water	Filtration	

Prep Batch: 78092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40819-1	WAN-WCR(+0.1)	Total/NA	Water	3010A	
705-40819-2	WAN-WCR(-0.6)	Total/NA	Water	3010A	
705-40819-3	WAN-WCR(+1.9)	Total/NA	Water	3010A	
MB 705-78092/1-A	Method Blank	Total/NA	Water	3010A	
LCS 705-78092/2-A	Lab Control Sample	Total/NA	Water	3010A	
705-41009-D-45-B MS	Matrix Spike	Total/NA	Water	3010A	
705-41009-D-45-C MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	

Analysis Batch: 78774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40819-1	WAN-WCR(+0.1)	Total/NA	Water	6010D	78092
705-40819-2	WAN-WCR(-0.6)	Total/NA	Water	6010D	78092
705-40819-3	WAN-WCR(+1.9)	Total/NA	Water	6010D	78092
MB 705-78092/1-A	Method Blank	Total/NA	Water	6010D	78092
LCS 705-78092/2-A	Lab Control Sample	Total/NA	Water	6010D	78092
705-41009-D-45-B MS	Matrix Spike	Total/NA	Water	6010D	78092
705-41009-D-45-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010D	78092

Analysis Batch: 78775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-40819-1	WAN-WCR(+0.1)	Dissolved	Water	6010D	77351
705-40819-2	WAN-WCR(-0.6)	Dissolved	Water	6010D	77351
705-40819-3	WAN-WCR(+1.9)	Dissolved	Water	6010D	77351
MB 705-77351/1-A	Method Blank	Dissolved	Water	6010D	77351
LCS 705-77351/2-A	Lab Control Sample	Dissolved	Water	6010D	77351
705-40610-M-1-B MS	Matrix Spike	Dissolved	Water	6010D	77351
705-40610-M-1-C MSD	Matrix Spike Duplicate	Dissolved	Water	6010D	77351

Lab Chronicle

Client: Southern Company
Job ID: 705-40819-1
Project/Site: Plant Wansley Ash Pond - Risk Evaluation

Client Sample ID: WAN-WCR(+0.1)
Lab Sample ID: 705-40819-1
Date Collected: 08/21/25 15:45
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	Filtration			77351	BR	EET ATL	08/26/25 08:37
Dissolved	Analysis	6010D		1	78775	DS	EET ATL	08/31/25 12:19
Total/NA	Prep	3010A			78092	SA	EET ATL	08/28/25 11:30
Total/NA	Analysis	6010D		1	78774	DS	EET ATL	08/31/25 11:56

Client Sample ID: WAN-WCR(-0.6)
Lab Sample ID: 705-40819-2
Date Collected: 08/21/25 16:17
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	Filtration			77351	BR	EET ATL	08/26/25 08:37
Dissolved	Analysis	6010D		1	78775	DS	EET ATL	08/31/25 12:21
Total/NA	Prep	3010A			78092	SA	EET ATL	08/28/25 11:30
Total/NA	Analysis	6010D		1	78774	DS	EET ATL	08/31/25 11:58

Client Sample ID: WAN-WCR(+1.9)
Lab Sample ID: 705-40819-3
Date Collected: 08/21/25 17:05
Matrix: Water
Date Received: 08/22/25 10:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Filtration	Filtration			77351	BR	EET ATL	08/26/25 08:37
Dissolved	Analysis	6010D		1	78775	DS	EET ATL	08/31/25 12:23
Total/NA	Prep	3010A			78092	SA	EET ATL	08/28/25 11:30
Total/NA	Analysis	6010D		1	78774	DS	EET ATL	08/31/25 12:00

Laboratory References:

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

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-40819-1
Project/Site: Plant Wansley Ash Pond - Risk Evaluation

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 12/1/2025 7:17:29 PM Revision 1

JOB DESCRIPTION

Plant Wansley Ash Pond Quarterly 2

JOB NUMBER

705-49212-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

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

Authorization



Generated
12/1/2025 7:17:29 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 Quarterly 2

Job ID: 705-49212-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-49212-1	WAN-WGWC-31S	Water	11/11/25 16:33	11/12/25 14:02	Georgia
705-49212-2	WAN-WGWC-32	Water	11/10/25 12:55	11/12/25 14:02	Georgia
705-49212-3	WAN-WGWC-34D	Water	11/11/25 14:30	11/12/25 14:02	Georgia
705-49212-4	WAN-WGWC-34S	Water	11/11/25 12:35	11/12/25 14:02	Georgia
705-49212-5	WAN-WGWC-36D	Water	11/10/25 15:43	11/12/25 14:02	Georgia
705-49212-6	WAN-WGWC-37D	Water	11/11/25 16:15	11/12/25 14:02	Georgia
705-49212-7	WAN-WGWC-38D	Water	11/10/25 13:35	11/12/25 14:02	Georgia
705-49212-8	WAN-WGWC-40	Water	11/11/25 10:42	11/12/25 14:02	Georgia
705-49212-9	WAN-WGWC-42	Water	11/10/25 14:26	11/12/25 14:02	Georgia
705-49212-10	WAN-AP1-FB-15	Water	11/11/25 15:00	11/12/25 14:02	Georgia
705-49212-11	WAN-AP1-FD-09	Water	11/11/25 15:00	11/12/25 14:02	Georgia
705-49212-12	WAN-AP1-EB-09	Water	11/11/25 17:00	11/12/25 14:02	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. Simpson ACC / C. Kramme	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:	Analysis Requested		Preservation Codes:
City: Atlanta	TAT Requested (days):			A - HCL B - NaC C - Zn / D - Nitr E - Nah F - Met G - Am H - Asc I - Ice J - DI W K - EDTA L - EDA W - pH 4-5 Z - other (specify) Other:
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 2	Project #:			
Site: Plant Wansley	SSOW#:			

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-31S	11/11/25	1633	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- WGWC-32	11/10/25	1255	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- WGWC-34D	11/11/25	1430	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- WGWC-34S	11/11/25	1235	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- WGWC-36D	11/10/25	1543	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- WGWC-37D	11/11/25	1615	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- WGWC-38D	11/10/25	1335	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- WGWC-40	11/11/25	1042	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- WGWC-42	11/10/25	1426	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- API-FB-15	11/11/25	1500	G	WQ		N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- API-FD-09	11/11/25	—	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5

Task_Code: WAN-CCR-OTH-2025 1110

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
1		11/12/25 @ 1200	ACC		11-12-25 1200	ACC
2		11-12-25 1402	ACC		11/12/25 14:02	
3						

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

Cooler Temperature(s) °C and Other Remarks: 1.2, 0.7, 2.4 #2665

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 C. Kramke	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 Quarterly 2	Project #:			
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:

Task_Code: WAN-CCR-OTH-2025 111

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- API-EB-09	11/11/25	1700	G	WQ		N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	
WAN-			G			N											
WAN-			G			N											
WAN-			G			N											
WAN-			G			N											
WAN-			G			N											
WAN-			G			N											
WAN-			G			N											
WAN-			G			N											
WAN-			G			N											

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

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

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

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		11/12/25 @ 1200	ACC		11-12-25 1200	ACC
2		11-12-25 1402	ACC		11/12/25 14:02	
3						

Custody Seals Intact: △ Yes △ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 1.2, 0.7, 2.4 #2665

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-49212-1

Login Number: 49212
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.	N/A	

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

Definitions/Glossary

Client: Southern Company
Job ID: 705-49212-1
Project/Site: Plant Wansley Ash Pond Quarterly 2

Qualifiers

HPLC/IC

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

Metals

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

Glossary

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

Job ID: 705-49212-1 Eurofins Atlanta

Job Narrative
705-49212-1

Revision 1
The report being provided is a revision of the original report sent earlier on 12/1/2025. The report is being revised in order to correct the Client Sample ID for the last three samples in this submittal.

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 11/12/2025 2:02 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 0.7°C, 1.2°C and 2.4°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-34D (705-49212-3). 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
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 2

Job ID: 705-49212-1

Client Sample ID: WAN-WGWC-31S — Lab Sample ID: 705-49212-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.2		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.12	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	6.8		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.055	J	0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	1.4		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.0087	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00017	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.00088	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	65		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-32 — Lab Sample ID: 705-49212-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	6.3		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	40		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	7.5		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0050	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.061		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.0017		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Thallium	0.00019	J	0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	100		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-34D — Lab Sample ID: 705-49212-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	140		20	20	mg/L	20		300.0	Total/NA
Fluoride	0.45		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	420		20	15	mg/L	20		300.0	Total/NA
Boron	8.1		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	73		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0097	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Arsenic	0.0070	J	0.025	0.0066	mg/L	5		6020B	Total Recoverable
Barium	0.048		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.0029		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cadmium	0.0028		0.00070	0.00024	mg/L	1		6020B	Total Recoverable
Cobalt	0.14		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Selenium	0.014		0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	800		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 2

Job ID: 705-49212-1

Client Sample ID: WAN-WGWC-34S — Lab Sample ID: 705-49212-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.6		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.37		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	2.2		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	1.7		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.019		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.022		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	21		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-36D — Lab Sample ID: 705-49212-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.8		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.34		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	4.7		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.028	J	0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	6.3		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.020		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0050		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	67		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-37D — Lab Sample ID: 705-49212-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	31		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	16		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.083		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	13		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.095		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.020		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	200		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-38D — Lab Sample ID: 705-49212-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1100		20	20	mg/L	20		300.0	Total/NA
Fluoride	0.16	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1200		20	15	mg/L	20		300.0	Total/NA
Boron	49		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	1000		1.0	0.38	mg/L	10		6010D	Total/NA
Lithium	0.0051	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Arsenic	0.071		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Barium	0.033		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cadmium	0.0062		0.00070	0.00024	mg/L	1		6020B	Total Recoverable
Cobalt	0.093		0.0050	0.00041	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 2

Job ID: 705-49212-1

Client Sample ID: WAN-WGWC-38D (Continued) — Lab Sample ID: 705-49212-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0069		0.0010	0.00086	mg/L	1		6020B	Total Recoverable
Selenium	0.049		0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Thallium	0.0042		0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	5500		40	40	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-40 — Lab Sample ID: 705-49212-8

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	0.13	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.4		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.055	J	0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	0.20		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.16		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0014	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Lead	0.0010		0.0010	0.00086	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	42		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-42 — Lab Sample ID: 705-49212-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	8.5		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.13	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	4.3		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	0.23		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.014		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00032	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Lead	0.019		0.0010	0.00086	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	49		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-FB-15 — Lab Sample ID: 705-49212-10

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	2.4		1.0	0.77	mg/L	1		300.0	Total/NA

Client Sample ID: WAN-AP1-FD-09 — Lab Sample ID: 705-49212-11

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	0.12	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	2.2		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	0.17		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.15		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0015	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: WAN-AP1-FD-09 (Continued)
Lab Sample ID: 705-49212-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.0022		0.0010	0.00086	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	47		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-EB-09
Lab Sample ID: 705-49212-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.23		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

This Detection Summary does not include radiochemical test results.

Client Sample ID: WAN-WGWC-31S

Lab Sample ID: 705-49212-1

Date Collected: 11/11/25 16:33

Matrix: Water

Date Received: 11/12/25 14:02

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.2		1.0	0.98	mg/L			11/19/25 12:26	1
Fluoride	0.12	J	0.20	0.081	mg/L			11/19/25 12:26	1
Sulfate	6.8		1.0	0.77	mg/L			11/19/25 12:26	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.055	J	0.080	0.026	mg/L		11/13/25 13:15	11/26/25 09:25	1
Calcium	1.4		0.10	0.038	mg/L		11/13/25 13:15	11/19/25 16:42	1
Lithium	<0.0037		0.020	0.0037	mg/L		11/13/25 13:15	11/25/25 11:18	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		11/13/25 17:00	11/14/25 22:04	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		11/13/25 17:00	11/14/25 22:04	1
Barium	0.0087	J	0.010	0.00041	mg/L		11/13/25 17:00	11/14/25 22:04	1
Beryllium	0.00017	J	0.0010	0.00015	mg/L		11/13/25 17:00	11/14/25 22:04	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		11/13/25 17:00	11/14/25 22:04	1
Chromium	<0.0037		0.0050	0.0037	mg/L		11/13/25 17:00	11/14/25 22:04	1
Cobalt	0.00088	J	0.0050	0.00041	mg/L		11/13/25 17:00	11/14/25 22:04	1
Lead	<0.00086		0.0010	0.00086	mg/L		11/13/25 17:00	11/14/25 22:04	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		11/13/25 17:00	11/14/25 22:04	1
Selenium	<0.0023		0.0050	0.0023	mg/L		11/13/25 17:00	11/14/25 22:04	1
Thallium	<0.00019		0.0010	0.00019	mg/L		11/13/25 17:00	11/14/25 22:04	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		11/24/25 07:28	11/24/25 14:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	65		10	10	mg/L			11/17/25 12:30	1

Client Sample ID: WAN-WGWC-32

Lab Sample ID: 705-49212-2

Date Collected: 11/10/25 12:55

Matrix: Water

Date Received: 11/12/25 14:02

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.3		1.0	0.98	mg/L			11/19/25 14:21	1
Fluoride	0.16	J	0.20	0.081	mg/L			11/19/25 14:21	1
Sulfate	40		1.0	0.77	mg/L			11/19/25 14:21	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		11/13/25 13:15	11/26/25 09:28	1
Calcium	7.5		0.10	0.038	mg/L		11/13/25 13:15	11/19/25 16:45	1
Lithium	0.0050	J	0.020	0.0037	mg/L		11/13/25 13:15	11/25/25 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		11/13/25 17:00	11/14/25 22:06	1

Client Sample ID: WAN-WGWC-32

Lab Sample ID: 705-49212-2
Matrix: Water
Date Collected: 11/10/25 12:55
Date Received: 11/12/25 14:02

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		11/13/25 17:00	11/14/25 22:06	1
Barium	**0.061**		0.010	0.00041	mg/L		11/13/25 17:00	11/14/25 22:06	1
Beryllium	**0.0017**		0.0010	0.00015	mg/L		11/13/25 17:00	11/14/25 22:06	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		11/13/25 17:00	11/14/25 22:06	1
Chromium	<0.0037		0.0050	0.0037	mg/L		11/13/25 17:00	11/14/25 22:06	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		11/13/25 17:00	11/14/25 22:06	1
Lead	<0.00086		0.0010	0.00086	mg/L		11/13/25 17:00	11/14/25 22:06	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		11/13/25 17:00	11/14/25 22:06	1
Selenium	<0.0023		0.0050	0.0023	mg/L		11/13/25 17:00	11/14/25 22:06	1
Thallium	**0.00019**	**J**	0.0010	0.00019	mg/L		11/13/25 17:00	11/14/25 22:06	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		11/24/25 07:28	11/24/25 14:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**100**		10	10	mg/L			11/17/25 12:30	1

Client Sample ID: WAN-WGWC-34D

Lab Sample ID: 705-49212-3
Matrix: Water
Date Collected: 11/11/25 14:30
Date Received: 11/12/25 14:02

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**140**		20	20	mg/L			11/19/25 17:37	20
Fluoride	**0.45**		0.20	0.081	mg/L			11/19/25 14:32	1
Sulfate	**420**		20	15	mg/L			11/19/25 17:37	20

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**8.1**		0.080	0.026	mg/L		11/13/25 13:15	11/26/25 09:31	1
Calcium	**73**		0.10	0.038	mg/L		11/13/25 13:15	11/19/25 16:54	1
Lithium	**0.0097**	**J**	0.020	0.0037	mg/L		11/13/25 13:15	11/25/25 11:22	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		11/13/25 17:00	11/14/25 22:09	1
Arsenic	**0.0070**	**J**	0.025	0.0066	mg/L		11/13/25 17:00	11/14/25 22:12	5
Barium	**0.048**		0.010	0.00041	mg/L		11/13/25 17:00	11/14/25 22:09	1
Beryllium	**0.0029**		0.0010	0.00015	mg/L		11/13/25 17:00	11/14/25 22:09	1
Cadmium	**0.0028**		0.00070	0.00024	mg/L		11/13/25 17:00	11/14/25 22:09	1
Chromium	<0.0037		0.0050	0.0037	mg/L		11/13/25 17:00	11/14/25 22:09	1
Cobalt	**0.14**		0.0050	0.00041	mg/L		11/13/25 17:00	11/14/25 22:09	1
Lead	<0.00086		0.0010	0.00086	mg/L		11/13/25 17:00	11/14/25 22:09	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		11/13/25 17:00	11/14/25 22:09	1
Selenium	**0.014**		0.0050	0.0023	mg/L		11/13/25 17:00	11/14/25 22:09	1
Thallium	<0.00019		0.0010	0.00019	mg/L		11/13/25 17:00	11/14/25 22:09	1

Client Sample ID: WAN-WGWC-34D

Lab Sample ID: 705-49212-3

Date Collected: 11/11/25 14:30

Matrix: Water

Date Received: 11/12/25 14:02

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		11/24/25 07:28	11/24/25 14:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	800		10	10	mg/L			11/17/25 12:30	1

Client Sample ID: WAN-WGWC-34S

Lab Sample ID: 705-49212-4

Date Collected: 11/11/25 12:35

Matrix: Water

Date Received: 11/12/25 14:02

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.6		1.0	0.98	mg/L			11/19/25 14:44	1
Fluoride	0.37		0.20	0.081	mg/L			11/19/25 14:44	1
Sulfate	2.2		1.0	0.77	mg/L			11/19/25 14:44	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		11/13/25 13:15	11/26/25 09:40	1
Calcium	1.7		0.10	0.038	mg/L		11/13/25 13:15	11/19/25 16:57	1
Lithium	<0.0037		0.020	0.0037	mg/L		11/13/25 13:15	11/25/25 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		11/13/25 17:00	11/14/25 22:15	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		11/13/25 17:00	11/14/25 22:15	1
Barium	0.019		0.010	0.00041	mg/L		11/13/25 17:00	11/14/25 22:15	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		11/13/25 17:00	11/14/25 22:15	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		11/13/25 17:00	11/14/25 22:15	1
Chromium	<0.0037		0.0050	0.0037	mg/L		11/13/25 17:00	11/14/25 22:15	1
Cobalt	0.022		0.0050	0.00041	mg/L		11/13/25 17:00	11/14/25 22:15	1
Lead	<0.00086		0.0010	0.00086	mg/L		11/13/25 17:00	11/14/25 22:15	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		11/13/25 17:00	11/14/25 22:15	1
Selenium	<0.0023		0.0050	0.0023	mg/L		11/13/25 17:00	11/14/25 22:15	1
Thallium	<0.00019		0.0010	0.00019	mg/L		11/13/25 17:00	11/14/25 22:15	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		11/24/25 07:28	11/24/25 14:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	21		10	10	mg/L			11/17/25 12:30	1

Client Sample ID: WAN-WGWC-36D

Date Collected: 11/10/25 15:43
Date Received: 11/12/25 14:02

Lab Sample ID: 705-49212-5

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.8**		1.0	0.98	mg/L			11/19/25 14:56	1
Fluoride	**0.34**		0.20	0.081	mg/L			11/19/25 14:56	1
Sulfate	**4.7**		1.0	0.77	mg/L			11/19/25 14:56	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.028**	**J**	0.080	0.026	mg/L		11/13/25 13:15	11/26/25 09:43	1
Calcium	**6.3**		0.10	0.038	mg/L		11/13/25 13:15	11/19/25 17:00	1
Lithium	<0.0037		0.020	0.0037	mg/L		11/13/25 13:15	11/25/25 11:40	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		11/13/25 17:00	11/14/25 22:17	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		11/13/25 17:00	11/14/25 22:17	1
Barium	**0.020**		0.010	0.00041	mg/L		11/13/25 17:00	11/14/25 22:17	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		11/13/25 17:00	11/14/25 22:17	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		11/13/25 17:00	11/14/25 22:17	1
Chromium	<0.0037		0.0050	0.0037	mg/L		11/13/25 17:00	11/14/25 22:17	1
Cobalt	**0.0050**		0.0050	0.00041	mg/L		11/13/25 17:00	11/14/25 22:17	1
Lead	<0.00086		0.0010	0.00086	mg/L		11/13/25 17:00	11/14/25 22:17	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		11/13/25 17:00	11/14/25 22:17	1
Selenium	<0.0023		0.0050	0.0023	mg/L		11/13/25 17:00	11/14/25 22:17	1
Thallium	<0.00019		0.0010	0.00019	mg/L		11/13/25 17:00	11/14/25 22:17	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		11/24/25 07:28	11/24/25 14:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**67**		10	10	mg/L			11/17/25 12:30	1

Client Sample ID: WAN-WGWC-37D

Date Collected: 11/11/25 16:15
Date Received: 11/12/25 14:02

Lab Sample ID: 705-49212-6

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**31**		1.0	0.98	mg/L			11/20/25 10:36	1
Fluoride	**0.14**	**J**	0.20	0.081	mg/L			11/20/25 10:36	1
Sulfate	**16**		1.0	0.77	mg/L			11/20/25 10:36	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.083**		0.080	0.026	mg/L		11/13/25 13:15	11/26/25 09:46	1
Calcium	**13**		0.10	0.038	mg/L		11/13/25 13:15	11/19/25 17:03	1
Lithium	<0.0037		0.020	0.0037	mg/L		11/13/25 13:15	11/25/25 11:42	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		11/13/25 17:00	11/14/25 22:20	1

Client Sample ID: WAN-WGWC-37D

Lab Sample ID: 705-49212-6
Matrix: Water
Date Collected: 11/11/25 16:15
Date Received: 11/12/25 14:02

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		11/13/25 17:00	11/14/25 22:20	1
Barium	**0.095**		0.010	0.00041	mg/L		11/13/25 17:00	11/14/25 22:20	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		11/13/25 17:00	11/14/25 22:20	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		11/13/25 17:00	11/14/25 22:20	1
Chromium	<0.0037		0.0050	0.0037	mg/L		11/13/25 17:00	11/14/25 22:20	1
Cobalt	**0.020**		0.0050	0.00041	mg/L		11/13/25 17:00	11/14/25 22:20	1
Lead	<0.00086		0.0010	0.00086	mg/L		11/13/25 17:00	11/14/25 22:20	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		11/13/25 17:00	11/14/25 22:20	1
Selenium	<0.0023		0.0050	0.0023	mg/L		11/13/25 17:00	11/14/25 22:20	1
Thallium	<0.00019		0.0010	0.00019	mg/L		11/13/25 17:00	11/14/25 22:20	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		11/24/25 07:28	11/24/25 14:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**200**		10	10	mg/L			11/17/25 12:30	1

Client Sample ID: WAN-WGWC-38D

Lab Sample ID: 705-49212-7
Matrix: Water
Date Collected: 11/10/25 13:35
Date Received: 11/12/25 14:02

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1100**		20	20	mg/L			11/20/25 12:54	20
Fluoride	**0.16**	**J**	0.20	0.081	mg/L			11/20/25 10:47	1
Sulfate	**1200**		20	15	mg/L			11/20/25 12:54	20

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**49**		0.080	0.026	mg/L		11/13/25 13:15	11/26/25 09:48	1
Calcium	**1000**		1.0	0.38	mg/L		11/13/25 13:15	11/26/25 12:40	10
Lithium	**0.0051**	**J**	0.020	0.0037	mg/L		11/13/25 13:15	11/25/25 11:44	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		11/13/25 17:00	11/14/25 23:00	1
Arsenic	**0.071**		0.0050	0.0013	mg/L		11/13/25 17:00	11/14/25 23:00	1
Barium	**0.033**		0.010	0.00041	mg/L		11/13/25 17:00	11/14/25 23:00	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		11/13/25 17:00	11/14/25 23:00	1
Cadmium	**0.0062**		0.00070	0.00024	mg/L		11/13/25 17:00	11/14/25 23:00	1
Chromium	<0.0037		0.0050	0.0037	mg/L		11/13/25 17:00	11/14/25 23:00	1
Cobalt	**0.093**		0.0050	0.00041	mg/L		11/13/25 17:00	11/14/25 23:00	1
Lead	**0.0069**		0.0010	0.00086	mg/L		11/13/25 17:00	11/14/25 23:00	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		11/13/25 17:00	11/14/25 23:00	1
Selenium	**0.049**		0.0050	0.0023	mg/L		11/13/25 17:00	11/14/25 23:00	1
Thallium	**0.0042**		0.0010	0.00019	mg/L		11/13/25 17:00	11/14/25 23:00	1

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 2

Job ID: 705-49212-1

Client Sample ID: WAN-WGWC-38D

Lab Sample ID: 705-49212-7
Date Collected: 11/10/25 13:35
Matrix: Water
Date Received: 11/12/25 14:02

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		11/24/25 07:28	11/24/25 14:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	5500		40	40	mg/L			11/17/25 12:30	1

Client Sample ID: WAN-WGWC-40

Lab Sample ID: 705-49212-8
Date Collected: 11/11/25 10:42
Matrix: Water
Date Received: 11/12/25 14:02

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			11/20/25 11:34	1
Fluoride	0.13	J	0.20	0.081	mg/L			11/20/25 11:34	1
Sulfate	1.4		1.0	0.77	mg/L			11/20/25 11:34	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.055	J	0.080	0.026	mg/L		11/13/25 13:15	11/26/25 09:51	1
Calcium	0.20		0.10	0.038	mg/L		11/13/25 13:15	11/19/25 17:09	1
Lithium	<0.0037		0.020	0.0037	mg/L		11/13/25 13:15	11/25/25 11:46	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		11/13/25 17:00	11/14/25 23:06	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		11/13/25 17:00	11/14/25 23:06	1
Barium	0.16		0.010	0.00041	mg/L		11/13/25 17:00	11/14/25 23:06	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		11/13/25 17:00	11/14/25 23:06	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		11/13/25 17:00	11/14/25 23:06	1
Chromium	<0.0037		0.0050	0.0037	mg/L		11/13/25 17:00	11/14/25 23:06	1
Cobalt	0.0014	J	0.0050	0.00041	mg/L		11/13/25 17:00	11/14/25 23:06	1
Lead	0.0010		0.0010	0.00086	mg/L		11/13/25 17:00	11/14/25 23:06	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		11/13/25 17:00	11/14/25 23:06	1
Selenium	<0.0023		0.0050	0.0023	mg/L		11/13/25 17:00	11/14/25 23:06	1
Thallium	<0.00019		0.0010	0.00019	mg/L		11/13/25 17:00	11/14/25 23:06	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		11/25/25 09:04	11/25/25 15:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	42		10	10	mg/L			11/17/25 12:30	1

Client Sample ID: WAN-WGWC-42

Lab Sample ID: 705-49212-9

Date Collected: 11/10/25 14:26

Matrix: Water

Date Received: 11/12/25 14:02

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.5**		1.0	0.98	mg/L			11/20/25 11:45	1
Fluoride	**0.13**	**J**	0.20	0.081	mg/L			11/20/25 11:45	1
Sulfate	**4.3**		1.0	0.77	mg/L			11/20/25 11:45	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		11/13/25 13:15	11/26/25 09:54	1
Calcium	**0.23**		0.10	0.038	mg/L		11/13/25 13:15	11/19/25 17:12	1
Lithium	<0.0037		0.020	0.0037	mg/L		11/13/25 13:15	11/25/25 11:48	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		11/13/25 17:00	11/14/25 23:08	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		11/13/25 17:00	11/14/25 23:08	1
Barium	**0.014**		0.010	0.00041	mg/L		11/13/25 17:00	11/14/25 23:08	1
Beryllium	**0.00032**	**J**	0.0010	0.00015	mg/L		11/13/25 17:00	11/14/25 23:08	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		11/13/25 17:00	11/14/25 23:08	1
Chromium	<0.0037		0.0050	0.0037	mg/L		11/13/25 17:00	11/14/25 23:08	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		11/13/25 17:00	11/14/25 23:08	1
Lead	**0.019**		0.0010	0.00086	mg/L		11/13/25 17:00	11/14/25 23:08	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		11/13/25 17:00	11/14/25 23:08	1
Selenium	<0.0023		0.0050	0.0023	mg/L		11/13/25 17:00	11/14/25 23:08	1
Thallium	<0.00019		0.0010	0.00019	mg/L		11/13/25 17:00	11/14/25 23:08	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		11/25/25 09:04	11/25/25 15:43	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			11/17/25 12:30	1

Client Sample ID: WAN-AP1-FB-15

Lab Sample ID: 705-49212-10

Date Collected: 11/11/25 15:00

Matrix: Water

Date Received: 11/12/25 14:02

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			11/20/25 11:57	1
Fluoride	**0.27**		0.20	0.081	mg/L			11/20/25 11:57	1
Sulfate	**2.4**		1.0	0.77	mg/L			11/20/25 11:57	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		11/13/25 13:15	11/26/25 09:57	1
Calcium	<0.038		0.10	0.038	mg/L		11/13/25 13:15	11/19/25 17:15	1
Lithium	<0.0037		0.020	0.0037	mg/L		11/13/25 13:15	11/25/25 11:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		11/13/25 17:00	11/14/25 23:11	1

Client Sample ID: WAN-AP1-FB-15

Lab Sample ID: 705-49212-10

Date Collected: 11/11/25 15:00

Matrix: Water

Date Received: 11/12/25 14:02

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		11/13/25 17:00	11/14/25 23:11	1
Barium	<0.00041		0.010	0.00041	mg/L		11/13/25 17:00	11/14/25 23:11	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		11/13/25 17:00	11/14/25 23:11	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		11/13/25 17:00	11/14/25 23:11	1
Chromium	<0.0037		0.0050	0.0037	mg/L		11/13/25 17:00	11/14/25 23:11	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		11/13/25 17:00	11/14/25 23:11	1
Lead	<0.00086		0.0010	0.00086	mg/L		11/13/25 17:00	11/14/25 23:11	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		11/13/25 17:00	11/14/25 23:11	1
Selenium	<0.0023		0.0050	0.0023	mg/L		11/13/25 17:00	11/14/25 23:11	1
Thallium	<0.00019		0.0010	0.00019	mg/L		11/13/25 17:00	11/14/25 23:11	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		11/25/25 09:04	11/25/25 15:47	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			11/17/25 12:30	1

Client Sample ID: WAN-AP1-FD-09

Lab Sample ID: 705-49212-11

Date Collected: 11/11/25 15:00

Matrix: Water

Date Received: 11/12/25 14:02

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			11/20/25 12:08	1
Fluoride	**0.12**	**J**	0.20	0.081	mg/L			11/20/25 12:08	1
Sulfate	**2.2**		1.0	0.77	mg/L			11/20/25 12:08	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		11/13/25 13:15	11/26/25 10:00	1
Calcium	**0.17**		0.10	0.038	mg/L		11/13/25 13:15	11/19/25 17:17	1
Lithium	<0.0037		0.020	0.0037	mg/L		11/13/25 13:15	11/25/25 11:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		11/13/25 17:00	11/14/25 23:13	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		11/13/25 17:00	11/14/25 23:13	1
Barium	**0.15**		0.010	0.00041	mg/L		11/13/25 17:00	11/14/25 23:13	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		11/13/25 17:00	11/14/25 23:13	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		11/13/25 17:00	11/14/25 23:13	1
Chromium	<0.0037		0.0050	0.0037	mg/L		11/13/25 17:00	11/14/25 23:13	1
Cobalt	**0.0015**	**J**	0.0050	0.00041	mg/L		11/13/25 17:00	11/14/25 23:13	1
Lead	**0.0022**		0.0010	0.00086	mg/L		11/13/25 17:00	11/14/25 23:13	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		11/13/25 17:00	11/14/25 23:13	1
Selenium	<0.0023		0.0050	0.0023	mg/L		11/13/25 17:00	11/14/25 23:13	1
Thallium	<0.00019		0.0010	0.00019	mg/L		11/13/25 17:00	11/14/25 23:13	1

Client Sample ID: WAN-AP1-FD-09

Lab Sample ID: 705-49212-11

Date Collected: 11/11/25 15:00

Matrix: Water

Date Received: 11/12/25 14:02

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		11/25/25 09:04	11/25/25 15:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**47**		10	10	mg/L			11/17/25 12:30	1

Client Sample ID: WAN-AP1-EB-09

Lab Sample ID: 705-49212-12

Date Collected: 11/11/25 17:00

Matrix: Water

Date Received: 11/12/25 14:02

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			11/19/25 19:10	1
Fluoride	**0.23**		0.20	0.081	mg/L			11/19/25 19:10	1
Sulfate	**2.0**		1.0	0.77	mg/L			11/19/25 19:10	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		11/13/25 13:15	11/26/25 10:03	1
Calcium	<0.038		0.10	0.038	mg/L		11/13/25 13:15	11/19/25 17:20	1
Lithium	<0.0037		0.020	0.0037	mg/L		11/13/25 13:15	11/25/25 11:54	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		11/13/25 17:00	11/14/25 23:16	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		11/13/25 17:00	11/14/25 23:16	1
Barium	<0.00041		0.010	0.00041	mg/L		11/13/25 17:00	11/14/25 23:16	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		11/13/25 17:00	11/14/25 23:16	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		11/13/25 17:00	11/14/25 23:16	1
Chromium	<0.0037		0.0050	0.0037	mg/L		11/13/25 17:00	11/14/25 23:16	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		11/13/25 17:00	11/14/25 23:16	1
Lead	<0.00086		0.0010	0.00086	mg/L		11/13/25 17:00	11/14/25 23:16	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		11/13/25 17:00	11/14/25 23:16	1
Selenium	<0.0023		0.0050	0.0023	mg/L		11/13/25 17:00	11/14/25 23:16	1
Thallium	<0.00019		0.0010	0.00019	mg/L		11/13/25 17:00	11/14/25 23:16	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		11/25/25 09:04	11/25/25 15:55	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			11/17/25 12:30	1

Method Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 2

Job ID: 705-49212-1

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 705-96242/3
Matrix: Water
Analysis Batch: 96242

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			11/19/25 11:51	1
Fluoride	<0.081		0.20	0.081	mg/L			11/19/25 11:51	1
Sulfate	<0.77		1.0	0.77	mg/L			11/19/25 11:51	1

Lab Sample ID: MB 705-96242/65
Matrix: Water
Analysis Batch: 96242

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			11/19/25 18:46	1
Fluoride	<0.081		0.20	0.081	mg/L			11/19/25 18:46	1
Sulfate	<0.77		1.0	0.77	mg/L			11/19/25 18:46	1

Lab Sample ID: LCS 705-96242/4
Matrix: Water
Analysis Batch: 96242

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	5.46		mg/L		109	90 - 110
Sulfate	25.0	26.5		mg/L		106	90 - 110

Lab Sample ID: LCS 705-96242/66
Matrix: Water
Analysis Batch: 96242

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	5.36		mg/L		107	90 - 110
Sulfate	25.0	26.9		mg/L		108	90 - 110

Lab Sample ID: 705-49212-1 MS
Matrix: Water
Analysis Batch: 96242

Client Sample ID: WAN-WGWC-31S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3.2		10.0	13.1		mg/L		98	90 - 110
Fluoride	0.12	J	5.00	5.39		mg/L		105	90 - 110
Sulfate	6.8		25.0	31.7		mg/L		99	90 - 110

Lab Sample ID: 705-49212-1 MSD
Matrix: Water
Analysis Batch: 96242

Client Sample ID: WAN-WGWC-31S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3.2		10.0	13.2		mg/L		100	90 - 110	1	20
Fluoride	0.12	J	5.00	5.46		mg/L		107	90 - 110	1	20
Sulfate	6.8		25.0	32.1		mg/L		101	90 - 110	1	20

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-49212-12 MS
Matrix: Water
Analysis Batch: 96242

Client Sample ID: WAN-AP1-EB-09
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	10.7		mg/L		107	90 - 110
Fluoride	0.23		5.00	5.45		mg/L		105	90 - 110
Sulfate	2.0		25.0	26.7		mg/L		99	90 - 110

Lab Sample ID: 705-49212-12 MSD
Matrix: Water
Analysis Batch: 96242

Client Sample ID: WAN-AP1-EB-09
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	10.3		mg/L		103	90 - 110	4	20
Fluoride	0.23		5.00	5.35		mg/L		102	90 - 110	2	20
Sulfate	2.0		25.0	25.5		mg/L		94	90 - 110	4	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-94780/1-A
Matrix: Water
Analysis Batch: 95262

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 94780

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		11/12/25 16:35	11/13/25 16:07	1
Calcium	<0.038		0.10	0.038	mg/L		11/12/25 16:35	11/13/25 16:07	1

Lab Sample ID: MB 705-94780/1-A
Matrix: Water
Analysis Batch: 97702

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 94780

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0037		0.020	0.0037	mg/L		11/12/25 16:35	11/25/25 11:02	1

Lab Sample ID: LCS 705-94780/2-A
Matrix: Water
Analysis Batch: 95262

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 94780

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.914		mg/L		91	80 - 120
Calcium	10.0	9.38		mg/L		94	80 - 120

Lab Sample ID: LCS 705-94780/2-A
Matrix: Water
Analysis Batch: 97702

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 94780

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	1.09		mg/L		109	80 - 120

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

Lab Sample ID: 705-48877-A-1-B MS
Matrix: Water
Analysis Batch: 95262

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 94780

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026		1.00	0.936		mg/L		94	75 - 125
Calcium	2.8		10.0	12.2		mg/L		94	75 - 125

Lab Sample ID: 705-48877-A-1-B MS
Matrix: Water
Analysis Batch: 97702

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 94780

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	<0.0037		1.00	1.20		mg/L		120	75 - 125

Lab Sample ID: 705-48877-A-1-C MSD
Matrix: Water
Analysis Batch: 95262

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 94780

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	0.928		mg/L		93	75 - 125	1	20
Calcium	2.8		10.0	11.9		mg/L		91	75 - 125	2	20

Lab Sample ID: 705-48877-A-1-C MSD
Matrix: Water
Analysis Batch: 97702

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 94780

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0037		1.00	1.19		mg/L		119	75 - 125	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-95138/1-A
Matrix: Water
Analysis Batch: 95620

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 95138

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		11/13/25 17:00	11/14/25 21:11	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		11/13/25 17:00	11/14/25 21:11	1
Barium	<0.00041		0.010	0.00041	mg/L		11/13/25 17:00	11/14/25 21:11	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		11/13/25 17:00	11/14/25 21:11	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		11/13/25 17:00	11/14/25 21:11	1
Chromium	<0.0037		0.0050	0.0037	mg/L		11/13/25 17:00	11/14/25 21:11	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		11/13/25 17:00	11/14/25 21:11	1
Lead	<0.00086		0.0010	0.00086	mg/L		11/13/25 17:00	11/14/25 21:11	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		11/13/25 17:00	11/14/25 21:11	1
Selenium	<0.0023		0.0050	0.0023	mg/L		11/13/25 17:00	11/14/25 21:11	1
Thallium	<0.00019		0.0010	0.00019	mg/L		11/13/25 17:00	11/14/25 21:11	1

Lab Sample ID: LCS 705-95138/2-A
Matrix: Water
Analysis Batch: 95620

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 95138

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0957		mg/L		96	80 - 120

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

Lab Sample ID: LCS 705-95138/2-A
Matrix: Water
Analysis Batch: 95620

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 95138

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.0959		mg/L		96	80 - 120
Barium	0.100	0.0916		mg/L		92	80 - 120
Beryllium	0.100	0.105		mg/L		105	80 - 120
Cadmium	0.100	0.0934		mg/L		93	80 - 120
Chromium	0.100	0.0972		mg/L		97	80 - 120
Cobalt	0.100	0.101		mg/L		101	80 - 120
Lead	0.100	0.103		mg/L		103	80 - 120
Molybdenum	0.100	0.103		mg/L		103	80 - 120
Selenium	0.100	0.102		mg/L		102	80 - 120
Thallium	0.100	0.104		mg/L		104	80 - 120

Lab Sample ID: 705-49216-D-2-B MS
Matrix: Water
Analysis Batch: 95620

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 95138

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0944		mg/L		94	75 - 125
Arsenic	<0.0013		0.100	0.101		mg/L		101	75 - 125
Barium	0.015		0.100	0.111		mg/L		96	75 - 125
Beryllium	<0.00015		0.100	0.106		mg/L		106	75 - 125
Cadmium	0.00036	J	0.100	0.0948		mg/L		94	75 - 125
Chromium	<0.0037		0.100	0.101		mg/L		101	75 - 125
Cobalt	0.0061		0.100	0.106		mg/L		100	75 - 125
Lead	<0.00086		0.100	0.105		mg/L		105	75 - 125
Molybdenum	<0.00069		0.100	0.103		mg/L		103	75 - 125
Selenium	<0.0023		0.100	0.101		mg/L		101	75 - 125
Thallium	<0.00019		0.100	0.106		mg/L		106	75 - 125

Lab Sample ID: 705-49216-D-2-C MSD
Matrix: Water
Analysis Batch: 95620

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 95138

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0923		mg/L		92	75 - 125	2	20
Arsenic	<0.0013		0.100	0.0967		mg/L		97	75 - 125	4	20
Barium	0.015		0.100	0.111		mg/L		96	75 - 125	0	20
Beryllium	<0.00015		0.100	0.105		mg/L		105	75 - 125	1	20
Cadmium	0.00036	J	0.100	0.0943		mg/L		94	75 - 125	1	20
Chromium	<0.0037		0.100	0.0999		mg/L		100	75 - 125	1	20
Cobalt	0.0061		0.100	0.108		mg/L		102	75 - 125	2	20
Lead	<0.00086		0.100	0.103		mg/L		103	75 - 125	2	20
Molybdenum	<0.00069		0.100	0.101		mg/L		101	75 - 125	2	20
Selenium	<0.0023		0.100	0.0986		mg/L		99	75 - 125	2	20
Thallium	<0.00019		0.100	0.104		mg/L		104	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-97243/1-A
Matrix: Water
Analysis Batch: 97445

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 97243

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		11/24/25 07:28	11/24/25 13:06	1

Lab Sample ID: LCS 705-97243/2-A
Matrix: Water
Analysis Batch: 97445

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 97243

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00387		mg/L		97	80 - 120

Lab Sample ID: 705-49734-A-47-C MS
Matrix: Water
Analysis Batch: 97445

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 97243

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00017		0.00400	0.00388		mg/L		97	75 - 125

Lab Sample ID: 705-49734-A-47-D MSD
Matrix: Water
Analysis Batch: 97445

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 97243

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00392		mg/L		98	75 - 125	1	20

Lab Sample ID: MB 705-97529/1-A
Matrix: Water
Analysis Batch: 97731

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 97529

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		11/25/25 09:04	11/25/25 14:36	1

Lab Sample ID: LCS 705-97529/2-A
Matrix: Water
Analysis Batch: 97731

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 97529

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00397		mg/L		99	80 - 120

Lab Sample ID: 705-48816-C-8-D MS
Matrix: Water
Analysis Batch: 97731

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 97529

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00017		0.00400	0.00377		mg/L		94	75 - 125

Lab Sample ID: 705-48816-C-8-E MSD
Matrix: Water
Analysis Batch: 97731

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 97529

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00381		mg/L		95	75 - 125	1	20

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 2

Job ID: 705-49212-1

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

Lab Sample ID: MB 705-95766/1
Matrix: Water
Analysis Batch: 95766

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			11/17/25 12:30	1

Lab Sample ID: LCS 705-95766/2
Matrix: Water
Analysis Batch: 95766

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	940		mg/L		94	80 - 120		

Lab Sample ID: 705-49291-B-1 DU
Matrix: Water
Analysis Batch: 95766

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	1700			1680		mg/L				0.2	10

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 2

Job ID: 705-49212-1

HPLC/IC

Analysis Batch: 96242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49212-1	WAN-WGWC-31S	Total/NA	Water	300.0	
705-49212-2	WAN-WGWC-32	Total/NA	Water	300.0	
705-49212-3	WAN-WGWC-34D	Total/NA	Water	300.0	
705-49212-3	WAN-WGWC-34D	Total/NA	Water	300.0	
705-49212-4	WAN-WGWC-34S	Total/NA	Water	300.0	
705-49212-5	WAN-WGWC-36D	Total/NA	Water	300.0	
705-49212-6	WAN-WGWC-37D	Total/NA	Water	300.0	
705-49212-7	WAN-WGWC-38D	Total/NA	Water	300.0	
705-49212-7	WAN-WGWC-38D	Total/NA	Water	300.0	
705-49212-8	WAN-WGWC-40	Total/NA	Water	300.0	
705-49212-9	WAN-WGWC-42	Total/NA	Water	300.0	
705-49212-10	WAN-AP1-FB-15	Total/NA	Water	300.0	
705-49212-11	WAN-AP1-FD-09	Total/NA	Water	300.0	
705-49212-12	WAN-AP1-EB-09	Total/NA	Water	300.0	
MB 705-96242/3	Method Blank	Total/NA	Water	300.0	
MB 705-96242/65	Method Blank	Total/NA	Water	300.0	
LCS 705-96242/4	Lab Control Sample	Total/NA	Water	300.0	
LCS 705-96242/66	Lab Control Sample	Total/NA	Water	300.0	
705-49212-1 MS	WAN-WGWC-31S	Total/NA	Water	300.0	
705-49212-1 MSD	WAN-WGWC-31S	Total/NA	Water	300.0	
705-49212-12 MS	WAN-AP1-EB-09	Total/NA	Water	300.0	
705-49212-12 MSD	WAN-AP1-EB-09	Total/NA	Water	300.0	

Metals

Prep Batch: 94780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49212-1	WAN-WGWC-31S	Total/NA	Water	3010A	
705-49212-2	WAN-WGWC-32	Total/NA	Water	3010A	
705-49212-3	WAN-WGWC-34D	Total/NA	Water	3010A	
705-49212-4	WAN-WGWC-34S	Total/NA	Water	3010A	
705-49212-5	WAN-WGWC-36D	Total/NA	Water	3010A	
705-49212-6	WAN-WGWC-37D	Total/NA	Water	3010A	
705-49212-7	WAN-WGWC-38D	Total/NA	Water	3010A	
705-49212-8	WAN-WGWC-40	Total/NA	Water	3010A	
705-49212-9	WAN-WGWC-42	Total/NA	Water	3010A	
705-49212-10	WAN-AP1-FB-15	Total/NA	Water	3010A	
705-49212-11	WAN-AP1-FD-09	Total/NA	Water	3010A	
705-49212-12	WAN-AP1-EB-09	Total/NA	Water	3010A	
MB 705-94780/1-A	Method Blank	Total/NA	Water	3010A	
LCS 705-94780/2-A	Lab Control Sample	Total/NA	Water	3010A	
705-48877-A-1-B MS	Matrix Spike	Total/NA	Water	3010A	
705-48877-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	

Prep Batch: 95138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49212-1	WAN-WGWC-31S	Total Recoverable	Water	3005A	
705-49212-2	WAN-WGWC-32	Total Recoverable	Water	3005A	
705-49212-3	WAN-WGWC-34D	Total Recoverable	Water	3005A	
705-49212-4	WAN-WGWC-34S	Total Recoverable	Water	3005A	
705-49212-5	WAN-WGWC-36D	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 95138 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49212-6	WAN-WGWC-37D	Total Recoverable	Water	3005A	
705-49212-7	WAN-WGWC-38D	Total Recoverable	Water	3005A	
705-49212-8	WAN-WGWC-40	Total Recoverable	Water	3005A	
705-49212-9	WAN-WGWC-42	Total Recoverable	Water	3005A	
705-49212-10	WAN-AP1-FB-15	Total Recoverable	Water	3005A	
705-49212-11	WAN-AP1-FD-09	Total Recoverable	Water	3005A	
705-49212-12	WAN-AP1-EB-09	Total Recoverable	Water	3005A	
MB 705-95138/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-95138/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
705-49216-D-2-B MS	Matrix Spike	Total Recoverable	Water	3005A	
705-49216-D-2-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 95262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 705-94780/1-A	Method Blank	Total/NA	Water	6010D	94780
LCS 705-94780/2-A	Lab Control Sample	Total/NA	Water	6010D	94780
705-48877-A-1-B MS	Matrix Spike	Total/NA	Water	6010D	94780
705-48877-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010D	94780

Analysis Batch: 95620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49212-1	WAN-WGWC-31S	Total Recoverable	Water	6020B	95138
705-49212-2	WAN-WGWC-32	Total Recoverable	Water	6020B	95138
705-49212-3	WAN-WGWC-34D	Total Recoverable	Water	6020B	95138
705-49212-3	WAN-WGWC-34D	Total Recoverable	Water	6020B	95138
705-49212-4	WAN-WGWC-34S	Total Recoverable	Water	6020B	95138
705-49212-5	WAN-WGWC-36D	Total Recoverable	Water	6020B	95138
705-49212-6	WAN-WGWC-37D	Total Recoverable	Water	6020B	95138
705-49212-7	WAN-WGWC-38D	Total Recoverable	Water	6020B	95138
705-49212-8	WAN-WGWC-40	Total Recoverable	Water	6020B	95138
705-49212-9	WAN-WGWC-42	Total Recoverable	Water	6020B	95138
705-49212-10	WAN-AP1-FB-15	Total Recoverable	Water	6020B	95138
705-49212-11	WAN-AP1-FD-09	Total Recoverable	Water	6020B	95138
705-49212-12	WAN-AP1-EB-09	Total Recoverable	Water	6020B	95138
MB 705-95138/1-A	Method Blank	Total Recoverable	Water	6020B	95138
LCS 705-95138/2-A	Lab Control Sample	Total Recoverable	Water	6020B	95138
705-49216-D-2-B MS	Matrix Spike	Total Recoverable	Water	6020B	95138
705-49216-D-2-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	95138

Analysis Batch: 96503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49212-1	WAN-WGWC-31S	Total/NA	Water	6010D	94780
705-49212-2	WAN-WGWC-32	Total/NA	Water	6010D	94780
705-49212-3	WAN-WGWC-34D	Total/NA	Water	6010D	94780
705-49212-4	WAN-WGWC-34S	Total/NA	Water	6010D	94780
705-49212-5	WAN-WGWC-36D	Total/NA	Water	6010D	94780
705-49212-6	WAN-WGWC-37D	Total/NA	Water	6010D	94780
705-49212-8	WAN-WGWC-40	Total/NA	Water	6010D	94780
705-49212-9	WAN-WGWC-42	Total/NA	Water	6010D	94780
705-49212-10	WAN-AP1-FB-15	Total/NA	Water	6010D	94780
705-49212-11	WAN-AP1-FD-09	Total/NA	Water	6010D	94780

Metals (Continued)

Analysis Batch: 96503 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49212-12	WAN-AP1-EB-09	Total/NA	Water	6010D	94780

Prep Batch: 97243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49212-1	WAN-WGWC-31S	Total/NA	Water	7470A	
705-49212-2	WAN-WGWC-32	Total/NA	Water	7470A	
705-49212-3	WAN-WGWC-34D	Total/NA	Water	7470A	
705-49212-4	WAN-WGWC-34S	Total/NA	Water	7470A	
705-49212-5	WAN-WGWC-36D	Total/NA	Water	7470A	
705-49212-6	WAN-WGWC-37D	Total/NA	Water	7470A	
705-49212-7	WAN-WGWC-38D	Total/NA	Water	7470A	
MB 705-97243/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-97243/2-A	Lab Control Sample	Total/NA	Water	7470A	
705-49734-A-47-C MS	Matrix Spike	Total/NA	Water	7470A	
705-49734-A-47-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 97445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49212-1	WAN-WGWC-31S	Total/NA	Water	7470A	97243
705-49212-2	WAN-WGWC-32	Total/NA	Water	7470A	97243
705-49212-3	WAN-WGWC-34D	Total/NA	Water	7470A	97243
705-49212-4	WAN-WGWC-34S	Total/NA	Water	7470A	97243
705-49212-5	WAN-WGWC-36D	Total/NA	Water	7470A	97243
705-49212-6	WAN-WGWC-37D	Total/NA	Water	7470A	97243
705-49212-7	WAN-WGWC-38D	Total/NA	Water	7470A	97243
MB 705-97243/1-A	Method Blank	Total/NA	Water	7470A	97243
LCS 705-97243/2-A	Lab Control Sample	Total/NA	Water	7470A	97243
705-49734-A-47-C MS	Matrix Spike	Total/NA	Water	7470A	97243
705-49734-A-47-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	97243

Prep Batch: 97529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49212-8	WAN-WGWC-40	Total/NA	Water	7470A	
705-49212-9	WAN-WGWC-42	Total/NA	Water	7470A	
705-49212-10	WAN-AP1-FB-15	Total/NA	Water	7470A	
705-49212-11	WAN-AP1-FD-09	Total/NA	Water	7470A	
705-49212-12	WAN-AP1-EB-09	Total/NA	Water	7470A	
MB 705-97529/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-97529/2-A	Lab Control Sample	Total/NA	Water	7470A	
705-48816-C-8-D MS	Matrix Spike	Total/NA	Water	7470A	
705-48816-C-8-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 97702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49212-1	WAN-WGWC-31S	Total/NA	Water	6010D	94780
705-49212-2	WAN-WGWC-32	Total/NA	Water	6010D	94780
705-49212-3	WAN-WGWC-34D	Total/NA	Water	6010D	94780
705-49212-4	WAN-WGWC-34S	Total/NA	Water	6010D	94780
705-49212-5	WAN-WGWC-36D	Total/NA	Water	6010D	94780
705-49212-6	WAN-WGWC-37D	Total/NA	Water	6010D	94780
705-49212-7	WAN-WGWC-38D	Total/NA	Water	6010D	94780

Metals (Continued)

Analysis Batch: 97702 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49212-8	WAN-WGWC-40	Total/NA	Water	6010D	94780
705-49212-9	WAN-WGWC-42	Total/NA	Water	6010D	94780
705-49212-10	WAN-AP1-FB-15	Total/NA	Water	6010D	94780
705-49212-11	WAN-AP1-FD-09	Total/NA	Water	6010D	94780
705-49212-12	WAN-AP1-EB-09	Total/NA	Water	6010D	94780
MB 705-94780/1-A	Method Blank	Total/NA	Water	6010D	94780
LCS 705-94780/2-A	Lab Control Sample	Total/NA	Water	6010D	94780
705-48877-A-1-B MS	Matrix Spike	Total/NA	Water	6010D	94780
705-48877-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010D	94780

Analysis Batch: 97731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49212-8	WAN-WGWC-40	Total/NA	Water	7470A	97529
705-49212-9	WAN-WGWC-42	Total/NA	Water	7470A	97529
705-49212-10	WAN-AP1-FB-15	Total/NA	Water	7470A	97529
705-49212-11	WAN-AP1-FD-09	Total/NA	Water	7470A	97529
705-49212-12	WAN-AP1-EB-09	Total/NA	Water	7470A	97529
MB 705-97529/1-A	Method Blank	Total/NA	Water	7470A	97529
LCS 705-97529/2-A	Lab Control Sample	Total/NA	Water	7470A	97529
705-48816-C-8-D MS	Matrix Spike	Total/NA	Water	7470A	97529
705-48816-C-8-E MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	97529

Analysis Batch: 97991

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49212-1	WAN-WGWC-31S	Total/NA	Water	6010D	94780
705-49212-2	WAN-WGWC-32	Total/NA	Water	6010D	94780
705-49212-3	WAN-WGWC-34D	Total/NA	Water	6010D	94780
705-49212-4	WAN-WGWC-34S	Total/NA	Water	6010D	94780
705-49212-5	WAN-WGWC-36D	Total/NA	Water	6010D	94780
705-49212-6	WAN-WGWC-37D	Total/NA	Water	6010D	94780
705-49212-7	WAN-WGWC-38D	Total/NA	Water	6010D	94780
705-49212-8	WAN-WGWC-40	Total/NA	Water	6010D	94780
705-49212-9	WAN-WGWC-42	Total/NA	Water	6010D	94780
705-49212-10	WAN-AP1-FB-15	Total/NA	Water	6010D	94780
705-49212-11	WAN-AP1-FD-09	Total/NA	Water	6010D	94780
705-49212-12	WAN-AP1-EB-09	Total/NA	Water	6010D	94780

Analysis Batch: 98035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49212-7	WAN-WGWC-38D	Total/NA	Water	6010D	94780

General Chemistry

Analysis Batch: 95766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49212-1	WAN-WGWC-31S	Total/NA	Water	2540C - 2015	
705-49212-2	WAN-WGWC-32	Total/NA	Water	2540C - 2015	
705-49212-3	WAN-WGWC-34D	Total/NA	Water	2540C - 2015	
705-49212-4	WAN-WGWC-34S	Total/NA	Water	2540C - 2015	
705-49212-5	WAN-WGWC-36D	Total/NA	Water	2540C - 2015	
705-49212-6	WAN-WGWC-37D	Total/NA	Water	2540C - 2015	

General Chemistry (Continued)

Analysis Batch: 95766 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49212-7	WAN-WGWC-38D	Total/NA	Water	2540C - 2015	
705-49212-8	WAN-WGWC-40	Total/NA	Water	2540C - 2015	
705-49212-9	WAN-WGWC-42	Total/NA	Water	2540C - 2015	
705-49212-10	WAN-AP1-FB-15	Total/NA	Water	2540C - 2015	
705-49212-11	WAN-AP1-FD-09	Total/NA	Water	2540C - 2015	
705-49212-12	WAN-AP1-EB-09	Total/NA	Water	2540C - 2015	
MB 705-95766/1	Method Blank	Total/NA	Water	2540C - 2015	
LCS 705-95766/2	Lab Control Sample	Total/NA	Water	2540C - 2015	
705-49291-B-1 DU	Duplicate	Total/NA	Water	2540C - 2015	

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 2

Job ID: 705-49212-1

Client Sample ID: WAN-WGWC-31S

Lab Sample ID: 705-49212-1

Date Collected: 11/11/25 16:33
Matrix: Water
Date Received: 11/12/25 14:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	96242	MS	EET ATL 2	11/19/25 12:26
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	97702	MT	EET ATL	11/25/25 11:18
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	96503	DS	EET ATL	11/19/25 16:42
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	97991	DS	EET ATL	11/26/25 09:25
Total Recoverable	Prep	3005A			95138	TR	EET ATL	11/13/25 17:00
Total Recoverable	Analysis	6020B		1	95620	IF	EET ATL	11/14/25 22:04
Total/NA	Prep	7470A			97243	GR	EET ATL	11/24/25 07:28
Total/NA	Analysis	7470A		1	97445	GR	EET ATL	11/24/25 14:20
Total/NA	Analysis	2540C - 2015		1	95766	NN	EET ATL	11/17/25 12:30

Client Sample ID: WAN-WGWC-32

Lab Sample ID: 705-49212-2

Date Collected: 11/10/25 12:55
Matrix: Water
Date Received: 11/12/25 14:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	96242	MS	EET ATL 2	11/19/25 14:21
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	97702	MT	EET ATL	11/25/25 11:20
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	96503	DS	EET ATL	11/19/25 16:45
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	97991	DS	EET ATL	11/26/25 09:28
Total Recoverable	Prep	3005A			95138	TR	EET ATL	11/13/25 17:00
Total Recoverable	Analysis	6020B		1	95620	IF	EET ATL	11/14/25 22:06
Total/NA	Prep	7470A			97243	GR	EET ATL	11/24/25 07:28
Total/NA	Analysis	7470A		1	97445	GR	EET ATL	11/24/25 14:41
Total/NA	Analysis	2540C - 2015		1	95766	NN	EET ATL	11/17/25 12:30

Client Sample ID: WAN-WGWC-34D

Lab Sample ID: 705-49212-3

Date Collected: 11/11/25 14:30
Matrix: Water
Date Received: 11/12/25 14:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	96242	MS	EET ATL 2	11/19/25 14:32
Total/NA	Analysis	300.0		20	96242	MS	EET ATL 2	11/19/25 17:37
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	97702	MT	EET ATL	11/25/25 11:22
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	96503	DS	EET ATL	11/19/25 16:54
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	97991	DS	EET ATL	11/26/25 09:31

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 2

Job ID: 705-49212-1

Client Sample ID: WAN-WGWC-34D

Lab Sample ID: 705-49212-3

Date Collected: 11/11/25 14:30
Matrix: Water
Date Received: 11/12/25 14:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			95138	TR	EET ATL	11/13/25 17:00
Total Recoverable	Analysis	6020B		1	95620	IF	EET ATL	11/14/25 22:09
Total Recoverable	Prep	3005A			95138	TR	EET ATL	11/13/25 17:00
Total Recoverable	Analysis	6020B		5	95620	IF	EET ATL	11/14/25 22:12
Total/NA	Prep	7470A			97243	GR	EET ATL	11/24/25 07:28
Total/NA	Analysis	7470A		1	97445	GR	EET ATL	11/24/25 14:36
Total/NA	Analysis	2540C - 2015		1	95766	NN	EET ATL	11/17/25 12:30

Client Sample ID: WAN-WGWC-34S

Lab Sample ID: 705-49212-4

Date Collected: 11/11/25 12:35
Matrix: Water
Date Received: 11/12/25 14:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	96242	MS	EET ATL 2	11/19/25 14:44
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	97702	MT	EET ATL	11/25/25 11:38
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	96503	DS	EET ATL	11/19/25 16:57
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	97991	DS	EET ATL	11/26/25 09:40
Total Recoverable	Prep	3005A			95138	TR	EET ATL	11/13/25 17:00
Total Recoverable	Analysis	6020B		1	95620	IF	EET ATL	11/14/25 22:15
Total/NA	Prep	7470A			97243	GR	EET ATL	11/24/25 07:28
Total/NA	Analysis	7470A		1	97445	GR	EET ATL	11/24/25 14:45
Total/NA	Analysis	2540C - 2015		1	95766	NN	EET ATL	11/17/25 12:30

Client Sample ID: WAN-WGWC-36D

Lab Sample ID: 705-49212-5

Date Collected: 11/10/25 15:43
Matrix: Water
Date Received: 11/12/25 14:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	96242	MS	EET ATL 2	11/19/25 14:56
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	97702	MT	EET ATL	11/25/25 11:40
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	96503	DS	EET ATL	11/19/25 17:00
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	97991	DS	EET ATL	11/26/25 09:43
Total Recoverable	Prep	3005A			95138	TR	EET ATL	11/13/25 17:00
Total Recoverable	Analysis	6020B		1	95620	IF	EET ATL	11/14/25 22:17
Total/NA	Prep	7470A			97243	GR	EET ATL	11/24/25 07:28
Total/NA	Analysis	7470A		1	97445	GR	EET ATL	11/24/25 14:49
Total/NA	Analysis	2540C - 2015		1	95766	NN	EET ATL	11/17/25 12:30

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 2

Job ID: 705-49212-1

Client Sample ID: WAN-WGWC-37D

Lab Sample ID: 705-49212-6

Date Collected: 11/11/25 16:15
Matrix: Water
Date Received: 11/12/25 14:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	96242	MS	EET ATL 2	11/20/25 10:36
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	97702	MT	EET ATL	11/25/25 11:42
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	96503	DS	EET ATL	11/19/25 17:03
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	97991	DS	EET ATL	11/26/25 09:46
Total Recoverable	Prep	3005A			95138	TR	EET ATL	11/13/25 17:00
Total Recoverable	Analysis	6020B		1	95620	IF	EET ATL	11/14/25 22:20
Total/NA	Prep	7470A			97243	GR	EET ATL	11/24/25 07:28
Total/NA	Analysis	7470A		1	97445	GR	EET ATL	11/24/25 14:52
Total/NA	Analysis	2540C - 2015		1	95766	NN	EET ATL	11/17/25 12:30

Client Sample ID: WAN-WGWC-38D

Lab Sample ID: 705-49212-7

Date Collected: 11/10/25 13:35
Matrix: Water
Date Received: 11/12/25 14:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	96242	MS	EET ATL 2	11/20/25 10:47
Total/NA	Analysis	300.0		20	96242	MS	EET ATL 2	11/20/25 12:54
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	97702	MT	EET ATL	11/25/25 11:44
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	97991	DS	EET ATL	11/26/25 09:48
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		10	98035	DS	EET ATL	11/26/25 12:40
Total Recoverable	Prep	3005A			95138	TR	EET ATL	11/13/25 17:00
Total Recoverable	Analysis	6020B		1	95620	IF	EET ATL	11/14/25 23:00
Total/NA	Prep	7470A			97243	GR	EET ATL	11/24/25 07:28
Total/NA	Analysis	7470A		1	97445	GR	EET ATL	11/24/25 14:56
Total/NA	Analysis	2540C - 2015		1	95766	NN	EET ATL	11/17/25 12:30

Client Sample ID: WAN-WGWC-40

Lab Sample ID: 705-49212-8

Date Collected: 11/11/25 10:42
Matrix: Water
Date Received: 11/12/25 14:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	96242	MS	EET ATL 2	11/20/25 11:34
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	97702	MT	EET ATL	11/25/25 11:46
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	96503	DS	EET ATL	11/19/25 17:09
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	97991	DS	EET ATL	11/26/25 09:51

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 2

Job ID: 705-49212-1

Client Sample ID: WAN-WGWC-40

Lab Sample ID: 705-49212-8

Date Collected: 11/11/25 10:42
Matrix: Water
Date Received: 11/12/25 14:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			95138	TR	EET ATL	11/13/25 17:00
Total Recoverable	Analysis	6020B		1	95620	IF	EET ATL	11/14/25 23:06
Total/NA	Prep	7470A			97529	GR	EET ATL	11/25/25 09:04
Total/NA	Analysis	7470A		1	97731	GR	EET ATL	11/25/25 15:39
Total/NA	Analysis	2540C - 2015		1	95766	NN	EET ATL	11/17/25 12:30

Client Sample ID: WAN-WGWC-42

Lab Sample ID: 705-49212-9

Date Collected: 11/10/25 14:26
Matrix: Water
Date Received: 11/12/25 14:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	96242	MS	EET ATL 2	11/20/25 11:45
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	97702	MT	EET ATL	11/25/25 11:48
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	96503	DS	EET ATL	11/19/25 17:12
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	97991	DS	EET ATL	11/26/25 09:54
Total Recoverable	Prep	3005A			95138	TR	EET ATL	11/13/25 17:00
Total Recoverable	Analysis	6020B		1	95620	IF	EET ATL	11/14/25 23:08
Total/NA	Prep	7470A			97529	GR	EET ATL	11/25/25 09:04
Total/NA	Analysis	7470A		1	97731	GR	EET ATL	11/25/25 15:43
Total/NA	Analysis	2540C - 2015		1	95766	NN	EET ATL	11/17/25 12:30

Client Sample ID: WAN-AP1-FB-15

Lab Sample ID: 705-49212-10

Date Collected: 11/11/25 15:00
Matrix: Water
Date Received: 11/12/25 14:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	96242	MS	EET ATL 2	11/20/25 11:57
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	97702	MT	EET ATL	11/25/25 11:50
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	96503	DS	EET ATL	11/19/25 17:15
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	97991	DS	EET ATL	11/26/25 09:57
Total Recoverable	Prep	3005A			95138	TR	EET ATL	11/13/25 17:00
Total Recoverable	Analysis	6020B		1	95620	IF	EET ATL	11/14/25 23:11
Total/NA	Prep	7470A			97529	GR	EET ATL	11/25/25 09:04
Total/NA	Analysis	7470A		1	97731	GR	EET ATL	11/25/25 15:47
Total/NA	Analysis	2540C - 2015		1	95766	NN	EET ATL	11/17/25 12:30

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 2

Job ID: 705-49212-1

Client Sample ID: WAN-AP1-FD-09

Lab Sample ID: 705-49212-11

Date Collected: 11/11/25 15:00
Matrix: Water
Date Received: 11/12/25 14:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	96242	MS	EET ATL 2	11/20/25 12:08
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	97702	MT	EET ATL	11/25/25 11:52
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	96503	DS	EET ATL	11/19/25 17:17
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	97991	DS	EET ATL	11/26/25 10:00
Total Recoverable	Prep	3005A			95138	TR	EET ATL	11/13/25 17:00
Total Recoverable	Analysis	6020B		1	95620	IF	EET ATL	11/14/25 23:13
Total/NA	Prep	7470A			97529	GR	EET ATL	11/25/25 09:04
Total/NA	Analysis	7470A		1	97731	GR	EET ATL	11/25/25 15:51
Total/NA	Analysis	2540C - 2015		1	95766	NN	EET ATL	11/17/25 12:30

Client Sample ID: WAN-AP1-EB-09

Lab Sample ID: 705-49212-12

Date Collected: 11/11/25 17:00
Matrix: Water
Date Received: 11/12/25 14:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	96242	MS	EET ATL 2	11/19/25 19:10
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	97702	MT	EET ATL	11/25/25 11:54
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	96503	DS	EET ATL	11/19/25 17:20
Total/NA	Prep	3010A			94780	TR	EET ATL	11/13/25 13:15
Total/NA	Analysis	6010D		1	97991	DS	EET ATL	11/26/25 10:03
Total Recoverable	Prep	3005A			95138	TR	EET ATL	11/13/25 17:00
Total Recoverable	Analysis	6020B		1	95620	IF	EET ATL	11/14/25 23:16
Total/NA	Prep	7470A			97529	GR	EET ATL	11/25/25 09:04
Total/NA	Analysis	7470A		1	97731	GR	EET ATL	11/25/25 15:55
Total/NA	Analysis	2540C - 2015		1	95766	NN	EET ATL	11/17/25 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
Job ID: 705-49212-1
Project/Site: Plant Wansley Ash Pond Quarterly 2

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 12/16/2025 6:14:00 PM

JOB DESCRIPTION

Plant Wansley Ash Pond Quarterly 2

JOB NUMBER

705-49212-2

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

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

Authorization



Generated
12/16/2025 6:14:00 PM

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

Sample Summary

Client: Southern Company
Job ID: 705-49212-2
Project/Site: Plant Wansley Ash Pond Quarterly 2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-49212-1	WAN-WGWC-31S	Water	11/11/25 16:33	11/12/25 14:02	Georgia
705-49212-2	WAN-WGWC-32	Water	11/10/25 12:55	11/12/25 14:02	Georgia
705-49212-3	WAN-WGWC-34D	Water	11/11/25 14:30	11/12/25 14:02	Georgia
705-49212-4	WAN-WGWC-34S	Water	11/11/25 12:35	11/12/25 14:02	Georgia
705-49212-5	WAN-WGWC-36D	Water	11/10/25 15:43	11/12/25 14:02	Georgia
705-49212-6	WAN-WGWC-37D	Water	11/11/25 16:15	11/12/25 14:02	Georgia
705-49212-7	WAN-WGWC-38D	Water	11/10/25 13:35	11/12/25 14:02	Georgia
705-49212-8	WAN-WGWC-40	Water	11/11/25 10:42	11/12/25 14:02	Georgia
705-49212-9	WAN-WGWC-42	Water	11/10/25 14:26	11/12/25 14:02	Georgia
705-49212-10	WAN-AP1-FB-15	Water	11/11/25 15:00	11/12/25 14:02	Georgia
705-49212-11	WAN-AP1-FD-09	Water	11/11/25 15:00	11/12/25 14:02	Georgia
705-49212-12	WAN-AP1-EB-09	Water	11/11/25 17:00	11/12/25 14:02	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. Simpson ACC / C. Kramme	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 Quarterly 2	Project #:			
Site: Plant Wansley	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL
B - NaC
C - Zn /
D - Nitr
E - Nah
F - Met
G - Am
H - Asc
I - Ice
J - DI W
K - EDTA
L - EDA
705-49212 COC
cahydrate
W - pH 4-5
Z - other (specify)
Other:

Task_Code: WAN-CCR-OTH-2025 1110

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-31S	11/11/25	1633	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5	
WAN- WGWC-32	11/10/25	1255	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5	
WAN- WGWC-34D	11/11/25	1430	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5	
WAN- WGWC-34S	11/11/25	1235	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5	
WAN- WGWC-36D	11/10/25	1543	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5	
WAN- WGWC-37D	11/11/25	1615	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5	
WAN- WGWC-38D	11/10/25	1335	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5	
WAN- WGWC-40	11/11/25	1042	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5	
WAN- WGWC-42	11/10/25	1426	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5	
WAN- API-FB-15	11/11/25	1500	G	WQ		N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5	
WAN- API-FD-09	11/11/25	—	G	WG		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 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:	11/12/25 @ 1200	ACC	Received by:	11-12-25 1200	ACC
Relinquished by:	11-12-25 1402	ACC	Received by:	11/12/25 14:02	
Relinquished by:			Received by:		

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

Cooler Temperature(s) °C and Other Remarks: 1.2, 0.7, 2.4 #2665

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, C. Kramske 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 Quarterly 2	Project #:			
Site: Plant Wansley	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Task_Code: WAN-CCR-OTH-2025 1 1 D

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- API-EB-09	11/11/25	1700	G	WQ		N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										

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

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

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

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		11/12/25 @ 1200	ACC		11-12-25 1200	ACC
2		11-12-25 1402	ACC		11/12/25 14:02	
3						

Custody Seals Intact: △ Yes △ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 1.2, 0.7, 2.4 #2665

Ver: 01/16/2019

12/16/2025

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: 705-83101.1
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 #: 705-49212-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 12/17/2025			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 Quarterly 2	Project #: 70504536			
Site: N/A	SSOW#: N/A			Other: N/A

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-31S (705-49212-1)	11/11/25	16:33 Eastern	G	Water			X	X	X	2	
WAN-WGWC-32 (705-49212-2)	11/10/25	12:55 Eastern	G	Water			X	X	X	2	
WAN-WGWC-34D (705-49212-3)	11/11/25	14:30 Eastern	G	Water			X	X	X	2	
WAN-WGWC-34S (705-49212-4)	11/11/25	12:35 Eastern	G	Water			X	X	X	2	
WAN-WGWC-36D (705-49212-5)	11/10/25	15:43 Eastern	G	Water			X	X	X	2	
WAN-WGWC-37D (705-49212-6)	11/11/25	16:15 Eastern	G	Water			X	X	X	2	
WAN-WGWC-38D (705-49212-7)	11/10/25	13:35 Eastern	G	Water			X	X	X	2	
WAN-WGWC-40 (705-49212-8)	11/11/25	10:42 Eastern	G	Water			X	X	X	2	
WAN-WGWC-42 (705-49212-9)	11/10/25	14:26 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	***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
Tayla	11/13/25 1700		Sierra Worthington	NOV 14 2025 0815	EMSL
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 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: 705-83101.2
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 #: 705-49212-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 12/17/2025			
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 Quarterly 2	Project #: 70504536			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

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:								
AP1-FB-15 (705-49212-10)	11/11/25	15:00 Eastern	G	Water			X	X	X	2	
AP1-FD-09 (705-49212-11)	11/11/25	15:00 Eastern	G	Water			X	X	X	2	
AP1-EB-09 (705-49212-12)	11/11/25	17:00 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 *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
Taylor	6/12/25 1700		Sierra Worthington	NOV 14 2025 0815	GMSL
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:

12/16/2025

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-49212-2

Login Number: 49212

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.	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: 705-49212-2

Login Number: 49212
List Number: 2
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 11/14/25 01:17 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.	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
Job ID: 705-49212-2
Project/Site: Plant Wansley Ash Pond Quarterly 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
705-49212-2

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 11/12/2025 2:02 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 0.7°C, 1.2°C and 2.4°C.

Gas Flow Proportional Counter
Method 9320_Ra228: Radium-228 batch 745866
Although the sample was prepped at full volume the MDC did not meet the requested limit for the following sample. WAN-WGWC-40 (705-49212-8). The activity in the sample is above the requested limit and achieved MDC. No further action is required. Original results will be reported

Method 9320_Ra228: Radium 228 batch 746143
The sample duplicate (DUP) precision for Radium-228 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. (180-198516-E-6-B DU)

Method 9320_Ra228: Radium 228 batch 746143
The LCS recovered at (135%). 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 160-746143/2-A)

Method 9320_Ra228: Radium-228 batch 746143
The MDC for the following sample is flagged as failing; The laboratory considers the detection goal (requested limit) met when rounding to the appropriate place value WAN-AP1-EB-09 (705-49212-12)

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
Job ID: 705-49212-2
Project/Site: Plant Wansley Ash Pond Quarterly 2

Client Sample ID: WAN-WGWC-31S **Lab Sample ID: 705-49212-1**

No Detections.

Client Sample ID: WAN-WGWC-32 **Lab Sample ID: 705-49212-2**

No Detections.

Client Sample ID: WAN-WGWC-34D **Lab Sample ID: 705-49212-3**

No Detections.

Client Sample ID: WAN-WGWC-34S **Lab Sample ID: 705-49212-4**

No Detections.

Client Sample ID: WAN-WGWC-36D **Lab Sample ID: 705-49212-5**

No Detections.

Client Sample ID: WAN-WGWC-37D **Lab Sample ID: 705-49212-6**

No Detections.

Client Sample ID: WAN-WGWC-38D **Lab Sample ID: 705-49212-7**

No Detections.

Client Sample ID: WAN-WGWC-40 **Lab Sample ID: 705-49212-8**

No Detections.

Client Sample ID: WAN-WGWC-42 **Lab Sample ID: 705-49212-9**

No Detections.

Client Sample ID: WAN-AP1-FB-15 **Lab Sample ID: 705-49212-10**

No Detections.

Client Sample ID: WAN-AP1-FD-09 **Lab Sample ID: 705-49212-11**

No Detections.

Client Sample ID: WAN-AP1-EB-09 **Lab Sample ID: 705-49212-12**

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: WAN-WGWC-31S

Lab Sample ID: 705-49212-1

Date Collected: 11/11/25 16:33

Matrix: Water

Date Received: 11/12/25 14:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.253		0.149	0.151	1.00	0.190	pCi/L	11/19/25 07:59	12/14/25 13:32	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	84.0		30 - 110	11/19/25 07:59	12/14/25 13:32	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	0.329	U	0.419	0.420	1.00	0.696	pCi/L	11/19/25 08:05	12/12/25 12:05	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	84.0		30 - 110	11/19/25 08:05	12/12/25 12:05	1
Y Carrier	79.6		30 - 110	11/19/25 08:05	12/12/25 12:05	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	0.445	0.446	5.00	0.696	pCi/L		12/15/25 16:24	1

Client Sample ID: WAN-WGWC-32

Lab Sample ID: 705-49212-2

Date Collected: 11/10/25 12:55

Matrix: Water

Date Received: 11/12/25 14:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	2.59		0.400	0.463	1.00	0.201	pCi/L	11/19/25 07:59	12/14/25 13:32	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	80.1		30 - 110	11/19/25 07:59	12/14/25 13:32	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	2.52		0.696	0.734	1.00	0.801	pCi/L	11/19/25 08:05	12/12/25 12:05	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	80.1		30 - 110	11/19/25 08:05	12/12/25 12:05	1
Y Carrier	77.4		30 - 110	11/19/25 08:05	12/12/25 12:05	1

Client Sample ID: WAN-WGWC-32
Lab Sample ID: 705-49212-2
Date Collected: 11/10/25 12:55
Matrix: Water
Date Received: 11/12/25 14:02

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	5.11		0.803	0.868	5.00	0.801	pCi/L		12/15/25 16:24	1

Client Sample ID: WAN-WGWC-34D
Lab Sample ID: 705-49212-3
Date Collected: 11/11/25 14:30
Matrix: Water
Date Received: 11/12/25 14:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.268		0.146	0.148	1.00	0.182	pCi/L	11/19/25 07:59	12/14/25 13:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.6*		*30 - 110*	*11/19/25 07:59*	*12/14/25 13:32*	*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	0.261	U	0.394	0.394	1.00	0.665	pCi/L	11/19/25 08:05	12/12/25 12:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.6*		*30 - 110*	*11/19/25 08:05*	*12/12/25 12:05*	*1*
Y Carrier	*83.4*		*30 - 110*	*11/19/25 08:05*	*12/12/25 12:05*	*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	0.529	U	0.420	0.421	5.00	0.665	pCi/L		12/15/25 16:24	1

Client Sample ID: WAN-WGWC-34S
Lab Sample ID: 705-49212-4
Date Collected: 11/11/25 12:35
Matrix: Water
Date Received: 11/12/25 14:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0161	U	0.0918	0.0918	1.00	0.186	pCi/L	11/19/25 07:59	12/14/25 13:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.9*		*30 - 110*	*11/19/25 07:59*	*12/14/25 13:32*	*1*

Client Sample ID: WAN-WGWC-34S
Lab Sample ID: 705-49212-4

Date Collected: 11/11/25 12:35
Matrix: Water
Date Received: 11/12/25 14:02

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0715	U	0.385	0.385	1.00	0.737	pCi/L	11/19/25 08:05	12/12/25 12:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.9*		*30 - 110*	*11/19/25 08:05*	*12/12/25 12:06*	*1*
Y Carrier	*83.7*		*30 - 110*	*11/19/25 08:05*	*12/12/25 12:06*	*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	-0.0554	U	0.396	0.396	5.00	0.737	pCi/L		12/15/25 16:24	1

Client Sample ID: WAN-WGWC-36D
Lab Sample ID: 705-49212-5

Date Collected: 11/10/25 15:43
Matrix: Water
Date Received: 11/12/25 14:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0816	U	0.160	0.160	1.00	0.282	pCi/L	11/19/25 07:59	12/14/25 13:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.4*		*30 - 110*	*11/19/25 07:59*	*12/14/25 13:32*	*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	0.612	U	0.465	0.469	1.00	0.715	pCi/L	11/19/25 08:05	12/12/25 12:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.4*		*30 - 110*	*11/19/25 08:05*	*12/12/25 12:05*	*1*
Y Carrier	*79.6*		*30 - 110*	*11/19/25 08:05*	*12/12/25 12:05*	*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	U	0.492	0.496	5.00	0.715	pCi/L		12/15/25 16:24	1

Client Sample ID: WAN-WGWC-37D

Lab Sample ID: 705-49212-6

Date Collected: 11/11/25 16:15

Matrix: Water

Date Received: 11/12/25 14:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.859		0.241	0.253	1.00	0.217	pCi/L	11/19/25 07:59	12/14/25 13:32	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	82.6		30 - 110	11/19/25 07:59	12/14/25 13:32	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	1.62		0.540	0.560	1.00	0.647	pCi/L	11/19/25 08:05	12/12/25 12:05	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	82.6		30 - 110	11/19/25 08:05	12/12/25 12:05	1
Y Carrier	83.0		30 - 110	11/19/25 08:05	12/12/25 12:05	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	2.48		0.591	0.614	5.00	0.647	pCi/L		12/15/25 16:24	1

Client Sample ID: WAN-WGWC-38D

Lab Sample ID: 705-49212-7

Date Collected: 11/10/25 13:35

Matrix: Water

Date Received: 11/12/25 14:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.969		0.272	0.286	1.00	0.245	pCi/L	11/19/25 07:59	12/14/25 13:32	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	80.1		30 - 110	11/19/25 07:59	12/14/25 13:32	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	13.0		1.30	1.77	1.00	0.847	pCi/L	11/19/25 08:05	12/12/25 12:06	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	80.1		30 - 110	11/19/25 08:05	12/12/25 12:06	1
Y Carrier	80.0		30 - 110	11/19/25 08:05	12/12/25 12:06	1

Client Sample ID: WAN-WGWC-38D
Lab Sample ID: 705-49212-7

Date Collected: 11/10/25 13:35
Matrix: Water
Date Received: 11/12/25 14:02

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	13.9		1.33	1.79	5.00	0.847	pCi/L		12/15/25 16:24	1

Client Sample ID: WAN-WGWC-40
Lab Sample ID: 705-49212-8

Date Collected: 11/11/25 10:42
Matrix: Water
Date Received: 11/12/25 14:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.991		0.292	0.305	1.00	0.248	pCi/L	11/19/25 07:59	12/14/25 13:33	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*60.8*		*30 - 110*	*11/19/25 07:59*	*12/14/25 13:33*	*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	1.43	G	0.839	0.849	1.00	1.24	pCi/L	11/19/25 08:05	12/12/25 12:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*60.8*		*30 - 110*	*11/19/25 08:05*	*12/12/25 12:05*	*1*
Y Carrier	*70.7*		*30 - 110*	*11/19/25 08:05*	*12/12/25 12:05*	*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	2.42		0.888	0.902	5.00	1.24	pCi/L		12/15/25 16:24	1

Client Sample ID: WAN-WGWC-42
Lab Sample ID: 705-49212-9

Date Collected: 11/10/25 14:26
Matrix: Water
Date Received: 11/12/25 14:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.414		0.185	0.189	1.00	0.218	pCi/L	11/19/25 07:59	12/14/25 13:33	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.5*		*30 - 110*	*11/19/25 07:59*	*12/14/25 13:33*	*1*

Client Sample ID: WAN-WGWC-42
Lab Sample ID: 705-49212-9

Date Collected: 11/10/25 14:26
Matrix: Water
Date Received: 11/12/25 14:02

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.964		0.551	0.558	1.00	0.817	pCi/L	11/19/25 08:05	12/12/25 12:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.5*		*30 - 110*	*11/19/25 08:05*	*12/12/25 12:06*	*1*
Y Carrier	*81.9*		*30 - 110*	*11/19/25 08:05*	*12/12/25 12:06*	*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	1.38		0.581	0.589	5.00	0.817	pCi/L		12/15/25 16:24	1

Client Sample ID: WAN-AP1-FB-15
Lab Sample ID: 705-49212-10

Date Collected: 11/11/25 15:00
Matrix: Water
Date Received: 11/12/25 14:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0792	U	0.153	0.153	1.00	0.268	pCi/L	11/19/25 07:59	12/14/25 13:33	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.2*		*30 - 110*	*11/19/25 07:59*	*12/14/25 13:33*	*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	0.691	U	0.493	0.497	1.00	0.752	pCi/L	11/19/25 08:05	12/12/25 12:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.2*		*30 - 110*	*11/19/25 08:05*	*12/12/25 12:05*	*1*
Y Carrier	*77.0*		*30 - 110*	*11/19/25 08:05*	*12/12/25 12:05*	*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	0.770		0.516	0.520	5.00	0.752	pCi/L		12/15/25 16:24	1

Client Sample ID: WAN-AP1-FD-09
Lab Sample ID: 705-49212-11

Date Collected: 11/11/25 15:00
Matrix: Water
Date Received: 11/12/25 14:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.856		0.227	0.239	1.00	0.202	pCi/L	11/20/25 09:04	12/12/25 17:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.1*		*30 - 110*	*11/20/25 09:04*	*12/12/25 17:52*	*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	1.96		0.533	0.563	1.00	0.567	pCi/L	11/20/25 09:07	12/09/25 12:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.1*		*30 - 110*	*11/20/25 09:07*	*12/09/25 12:17*	*1*
Y Carrier	*84.9*		*30 - 110*	*11/20/25 09:07*	*12/09/25 12:17*	*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	2.82		0.579	0.612	5.00	0.567	pCi/L		12/15/25 16:24	1

Client Sample ID: WAN-AP1-EB-09
Lab Sample ID: 705-49212-12

Date Collected: 11/11/25 17:00
Matrix: Water
Date Received: 11/12/25 14:02

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0294	U	0.130	0.130	1.00	0.253	pCi/L	11/20/25 09:10	12/14/25 13:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*63.3*		*30 - 110*	*11/20/25 09:10*	*12/14/25 13:29*	*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	0.683	U G	0.646	0.649	1.00	1.04	pCi/L	11/20/25 09:12	12/12/25 12:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*63.3*		*30 - 110*	*11/20/25 09:12*	*12/12/25 12:13*	*1*
Y Carrier	*80.4*		*30 - 110*	*11/20/25 09:12*	*12/12/25 12:13*	*1*

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 2

Job ID: 705-49212-2

Client Sample ID: WAN-AP1-EB-09
Date Collected: 11/11/25 17:00
Date Received: 11/12/25 14:02

Lab Sample ID: 705-49212-12
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	0.712	U	0.659	0.662	5.00	1.04	pCi/L		12/16/25 14:17	1

Tracer/Carrier Summary

Client: Southern Company
Job ID: 705-49212-2
Project/Site: Plant Wansley Ash Pond Quarterly 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)						
180-198516-E-6-A DU	Duplicate	77.0						
400-285853-L-4-A MSD	Matrix Spike Duplicate	84.0						
400-285853-M-4-B MS	Matrix Spike	85.4						
500-278081-H-2-C DU	Duplicate	75.9						
705-49212-1	WAN-WGWC-31S	84.0						
705-49212-2	WAN-WGWC-32	80.1						
705-49212-3	WAN-WGWC-34D	89.6						
705-49212-4	WAN-WGWC-34S	77.9						
705-49212-5	WAN-WGWC-36D	78.4						
705-49212-6	WAN-WGWC-37D	82.6						
705-49212-7	WAN-WGWC-38D	80.1						
705-49212-8	WAN-WGWC-40	60.8						
705-49212-9	WAN-WGWC-42	83.5						
705-49212-10	WAN-AP1-FB-15	83.2						
705-49212-11	WAN-AP1-FD-09	82.1						
705-49212-12	WAN-AP1-EB-09	63.3						
LCS 160-745865/2-A	Lab Control Sample	85.2						
LCS 160-746140/2-A	Lab Control Sample	83.5						
LCS 160-746142/2-A	Lab Control Sample	79.6						
MB 160-745865/1-A	Method Blank	89.9						
MB 160-746140/1-A	Method Blank	86.6						
MB 160-746142/1-A	Method Blank	56.0						

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)						
180-198516-E-6-B DU	Duplicate	77.0	81.5						
400-285853-L-4-B MSD	Matrix Spike Duplicate	84.0	80.4						
400-285853-M-4-D MS	Matrix Spike	85.4	80.7						
500-278081-H-2-D DU	Duplicate	75.9	82.6						
705-49212-1	WAN-WGWC-31S	84.0	79.6						
705-49212-2	WAN-WGWC-32	80.1	77.4						
705-49212-3	WAN-WGWC-34D	89.6	83.4						
705-49212-4	WAN-WGWC-34S	77.9	83.7						
705-49212-5	WAN-WGWC-36D	78.4	79.6						
705-49212-6	WAN-WGWC-37D	82.6	83.0						
705-49212-7	WAN-WGWC-38D	80.1	80.0						
705-49212-8	WAN-WGWC-40	60.8	70.7						
705-49212-9	WAN-WGWC-42	83.5	81.9						
705-49212-10	WAN-AP1-FB-15	83.2	77.0						
705-49212-11	WAN-AP1-FD-09	82.1	84.9						
705-49212-12	WAN-AP1-EB-09	63.3	80.4						
LCS 160-745866/2-A	Lab Control Sample	85.2	83.4						
LCS 160-746141/2-A	Lab Control Sample	83.5	80.7						

Tracer/Carrier Summary

Client: Southern Company
Job ID: 705-49212-2
Project/Site: Plant Wansley Ash Pond Quarterly 2

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)								
LCS 160-746143/2-A	Lab Control Sample	79.6	82.6								
MB 160-745866/1-A	Method Blank	89.9	81.1								
MB 160-746141/1-A	Method Blank	86.6	84.1								
MB 160-746143/1-A	Method Blank	56.0	84.9								

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method Summary

Client: Southern Company
Job ID: 705-49212-2
Project/Site: Plant Wansley Ash Pond Quarterly 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

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-745865/1-A
Matrix: Water
Analysis Batch: 749175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 745865

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1374	U	0.229	0.230	1.00	0.396	pCi/L	11/19/25 07:59	12/12/25 22:27	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.9*		*30 - 110*	*11/19/25 07:59*	*12/12/25 22:27*	*1*

Lab Sample ID: LCS 160-745865/2-A
Matrix: Water
Analysis Batch: 749175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745865

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	10.18		1.35	1.00	0.433	pCi/L	106	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*85.2*		*30 - 110*

Lab Sample ID: 400-285853-L-4-A MSD
Matrix: Water
Analysis Batch: 749245

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 745865

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226	0.00639	U	9.57	8.068		0.999	1.00	0.238	pCi/L	84	60 - 140	0.26	1

Carrier	*MSD %Yield*	*MSD Qualifier*	*Limits*
Ba Carrier	*84.0*		*30 - 110*

Lab Sample ID: 400-285853-M-4-B MS
Matrix: Water
Analysis Batch: 749245

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 745865

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226	0.00639	U	9.50	8.603		1.04	1.00	0.193	pCi/L	91	60 - 140		

Carrier	*MS %Yield*	*MS Qualifier*	*Limits*
Ba Carrier	*85.4*		*30 - 110*

Lab Sample ID: MB 160-746140/1-A
Matrix: Water
Analysis Batch: 749174

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 746140

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.01136	U	0.0757	0.0757	1.00	0.164	pCi/L	11/20/25 09:04	12/12/25 10:07	1

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: MB 160-746140/1-A
Matrix: Water
Analysis Batch: 749174

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 746140

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110	11/20/25 09:04	12/12/25 10:07	1

Lab Sample ID: LCS 160-746140/2-A
Matrix: Water
Analysis Batch: 749174

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 746140

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	9.441		1.09	1.00	0.180	pCi/L	99	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	83.5		30 - 110

Lab Sample ID: 500-278081-H-2-C DU
Matrix: Water
Analysis Batch: 749173

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 746140

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.0622	U		0.1381		0.0866	1.00	0.122	pCi/L			0.47	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	75.9		30 - 110

Lab Sample ID: MB 160-746142/1-A
Matrix: Water
Analysis Batch: 749245

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 746142

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.3377	U	0.264	0.266	1.00	0.398	pCi/L	11/20/25 09:10	12/14/25 13:34	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	56.0		30 - 110	11/20/25 09:10	12/14/25 13:34	1

Lab Sample ID: LCS 160-746142/2-A
Matrix: Water
Analysis Batch: 749246

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 746142

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	10.84		1.26	1.00	0.225	pCi/L	113	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	79.6		30 - 110

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: 180-198516-E-6-A DU
Matrix: Water
Analysis Batch: 749244

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 746142

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.206			0.1721	U	0.134	1.00	0.189	pCi/L			0.12	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*77.0*		*30 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-745866/1-A
Matrix: Water
Analysis Batch: 749171

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 745866

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.005320	U	0.383	0.383	1.00	0.710	pCi/L	11/19/25 08:05	12/12/25 12:35	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.9*		*30 - 110*	*11/19/25 08:05*	*12/12/25 12:35*	*1*
Y Carrier	*81.1*		*30 - 110*	*11/19/25 08:05*	*12/12/25 12:35*	*1*

Lab Sample ID: LCS 160-745866/2-A
Matrix: Water
Analysis Batch: 749171

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745866

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			7.86	8.750		1.34	1.00	0.761	pCi/L	111	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*85.2*		*30 - 110*
Y Carrier	*83.4*		*30 - 110*

Lab Sample ID: 400-285853-L-4-B MSD
Matrix: Water
Analysis Batch: 749171

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 745866

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228	0.275	U	7.86	8.905		1.36	1.00	0.754	pCi/L	110	60 - 140	0.27	1

Carrier	*MSD %Yield*	*MSD Qualifier*	*Limits*
Ba Carrier	*84.0*		*30 - 110*
Y Carrier	*80.4*		*30 - 110*

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

Lab Sample ID: 400-285853-M-4-D MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 749171 — **Prep Batch: 745866**

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	0.275	U	7.80	8.192		1.27	1.00	0.680	pCi/L	102	60 - 140

Carrier	*MS %Yield*	*MS Qualifier*	*Limits*
Ba Carrier	*85.4*		*30 - 110*
Y Carrier	*80.7*		*30 - 110*

Lab Sample ID: MB 160-746141/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 748570 — **Prep Batch: 746141**

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3717	U	0.410	0.412	1.00	0.671	pCi/L	11/20/25 09:07	12/09/25 12:02	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.6*		*30 - 110*	*11/20/25 09:07*	*12/09/25 12:02*	*1*
Y Carrier	*84.1*		*30 - 110*	*11/20/25 09:07*	*12/09/25 12:02*	*1*

Lab Sample ID: LCS 160-746141/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 748570 — **Prep Batch: 746141**

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228			7.87	9.184		1.37	1.00	0.756	pCi/L	117	75 - 125

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*83.5*		*30 - 110*
Y Carrier	*80.7*		*30 - 110*

Lab Sample ID: 500-278081-H-2-D DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 748579 — **Prep Batch: 746141**

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	-0.181	U G		0.9882		0.668	1.00	0.981	pCi/L			0.93	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*75.9*		*30 - 110*
Y Carrier	*82.6*		*30 - 110*

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

Lab Sample ID: MB 160-746143/1-A
Matrix: Water
Analysis Batch: 749172

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 746143

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.5881	U	0.616	0.618	1.00	1.00	pCi/L	11/20/25 09:12	12/12/25 12:13	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*56.0*		*30 - 110*	*11/20/25 09:12*	*12/12/25 12:13*	*1*
Y Carrier	*84.9*		*30 - 110*	*11/20/25 09:12*	*12/12/25 12:13*	*1*

Lab Sample ID: LCS 160-746143/2-A
Matrix: Water
Analysis Batch: 749172

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 746143

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			7.86	10.58		1.51	1.00	0.732	pCi/L	135	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*79.6*		*30 - 110*
Y Carrier	*82.6*		*30 - 110*

Lab Sample ID: 180-198516-E-6-B DU
Matrix: Water
Analysis Batch: 749173

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 746143

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	-0.293	U		0.8990	F	0.432	1.00	0.555	pCi/L			1.64	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*77.0*		*30 - 110*
Y Carrier	*81.5*		*30 - 110*

Rad

Prep Batch: 745865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49212-1	WAN-WGWC-31S	Total/NA	Water	PrecSep-21	
705-49212-2	WAN-WGWC-32	Total/NA	Water	PrecSep-21	
705-49212-3	WAN-WGWC-34D	Total/NA	Water	PrecSep-21	
705-49212-4	WAN-WGWC-34S	Total/NA	Water	PrecSep-21	
705-49212-5	WAN-WGWC-36D	Total/NA	Water	PrecSep-21	
705-49212-6	WAN-WGWC-37D	Total/NA	Water	PrecSep-21	
705-49212-7	WAN-WGWC-38D	Total/NA	Water	PrecSep-21	
705-49212-8	WAN-WGWC-40	Total/NA	Water	PrecSep-21	
705-49212-9	WAN-WGWC-42	Total/NA	Water	PrecSep-21	
705-49212-10	WAN-AP1-FB-15	Total/NA	Water	PrecSep-21	
MB 160-745865/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-745865/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
400-285853-L-4-A MSD	Matrix Spike Duplicate	Total/NA	Water	PrecSep-21	
400-285853-M-4-B MS	Matrix Spike	Total/NA	Water	PrecSep-21	

Prep Batch: 745866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49212-1	WAN-WGWC-31S	Total/NA	Water	PrecSep_0	
705-49212-2	WAN-WGWC-32	Total/NA	Water	PrecSep_0	
705-49212-3	WAN-WGWC-34D	Total/NA	Water	PrecSep_0	
705-49212-4	WAN-WGWC-34S	Total/NA	Water	PrecSep_0	
705-49212-5	WAN-WGWC-36D	Total/NA	Water	PrecSep_0	
705-49212-6	WAN-WGWC-37D	Total/NA	Water	PrecSep_0	
705-49212-7	WAN-WGWC-38D	Total/NA	Water	PrecSep_0	
705-49212-8	WAN-WGWC-40	Total/NA	Water	PrecSep_0	
705-49212-9	WAN-WGWC-42	Total/NA	Water	PrecSep_0	
705-49212-10	WAN-AP1-FB-15	Total/NA	Water	PrecSep_0	
MB 160-745866/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-745866/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
400-285853-L-4-B MSD	Matrix Spike Duplicate	Total/NA	Water	PrecSep_0	
400-285853-M-4-D MS	Matrix Spike	Total/NA	Water	PrecSep_0	

Prep Batch: 746140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49212-11	WAN-AP1-FD-09	Total/NA	Water	PrecSep-21	
MB 160-746140/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-746140/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-278081-H-2-C DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 746141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49212-11	WAN-AP1-FD-09	Total/NA	Water	PrecSep_0	
MB 160-746141/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-746141/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-278081-H-2-D DU	Duplicate	Total/NA	Water	PrecSep_0	

Prep Batch: 746142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49212-12	WAN-AP1-EB-09	Total/NA	Water	PrecSep-21	
MB 160-746142/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-746142/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Rad (Continued)

Prep Batch: 746142 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-198516-E-6-A DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 746143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49212-12	WAN-AP1-EB-09	Total/NA	Water	PrecSep_0	
MB 160-746143/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-746143/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
180-198516-E-6-B DU	Duplicate	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: Southern Company
Job ID: 705-49212-2
Project/Site: Plant Wansley Ash Pond Quarterly 2

Client Sample ID: WAN-WGWC-31S
Lab Sample ID: 705-49212-1
Date Collected: 11/11/25 16:33
Matrix: Water
Date Received: 11/12/25 14:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745865	VLQ	EET SL	11/19/25 07:59
Total/NA	Analysis	9315		1	749245	SWS	EET SL	12/14/25 13:32
Total/NA	Prep	PrecSep_0			745866	VLQ	EET SL	11/19/25 08:05
Total/NA	Analysis	9320		1	749172	FLC	EET SL	12/12/25 12:05
Total/NA	Analysis	Ra226_Ra228		1	749567	EMH	EET SL	12/15/25 16:24

Client Sample ID: WAN-WGWC-32
Lab Sample ID: 705-49212-2
Date Collected: 11/10/25 12:55
Matrix: Water
Date Received: 11/12/25 14:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745865	VLQ	EET SL	11/19/25 07:59
Total/NA	Analysis	9315		1	749245	SWS	EET SL	12/14/25 13:32
Total/NA	Prep	PrecSep_0			745866	VLQ	EET SL	11/19/25 08:05
Total/NA	Analysis	9320		1	749172	FLC	EET SL	12/12/25 12:05
Total/NA	Analysis	Ra226_Ra228		1	749567	EMH	EET SL	12/15/25 16:24

Client Sample ID: WAN-WGWC-34D
Lab Sample ID: 705-49212-3
Date Collected: 11/11/25 14:30
Matrix: Water
Date Received: 11/12/25 14:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745865	VLQ	EET SL	11/19/25 07:59
Total/NA	Analysis	9315		1	749245	SWS	EET SL	12/14/25 13:32
Total/NA	Prep	PrecSep_0			745866	VLQ	EET SL	11/19/25 08:05
Total/NA	Analysis	9320		1	749172	FLC	EET SL	12/12/25 12:05
Total/NA	Analysis	Ra226_Ra228		1	749567	EMH	EET SL	12/15/25 16:24

Client Sample ID: WAN-WGWC-34S
Lab Sample ID: 705-49212-4
Date Collected: 11/11/25 12:35
Matrix: Water
Date Received: 11/12/25 14:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745865	VLQ	EET SL	11/19/25 07:59
Total/NA	Analysis	9315		1	749245	SWS	EET SL	12/14/25 13:32
Total/NA	Prep	PrecSep_0			745866	VLQ	EET SL	11/19/25 08:05
Total/NA	Analysis	9320		1	749172	FLC	EET SL	12/12/25 12:06
Total/NA	Analysis	Ra226_Ra228		1	749567	EMH	EET SL	12/15/25 16:24

Lab Chronicle

Client: Southern Company
Job ID: 705-49212-2
Project/Site: Plant Wansley Ash Pond Quarterly 2

Client Sample ID: WAN-WGWC-36D
Lab Sample ID: 705-49212-5
Date Collected: 11/10/25 15:43
Matrix: Water
Date Received: 11/12/25 14:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745865	VLQ	EET SL	11/19/25 07:59
Total/NA	Analysis	9315		1	749245	SWS	EET SL	12/14/25 13:32
Total/NA	Prep	PrecSep_0			745866	VLQ	EET SL	11/19/25 08:05
Total/NA	Analysis	9320		1	749172	FLC	EET SL	12/12/25 12:05
Total/NA	Analysis	Ra226_Ra228		1	749567	EMH	EET SL	12/15/25 16:24

Client Sample ID: WAN-WGWC-37D
Lab Sample ID: 705-49212-6
Date Collected: 11/11/25 16:15
Matrix: Water
Date Received: 11/12/25 14:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745865	VLQ	EET SL	11/19/25 07:59
Total/NA	Analysis	9315		1	749245	SWS	EET SL	12/14/25 13:32
Total/NA	Prep	PrecSep_0			745866	VLQ	EET SL	11/19/25 08:05
Total/NA	Analysis	9320		1	749172	FLC	EET SL	12/12/25 12:05
Total/NA	Analysis	Ra226_Ra228		1	749567	EMH	EET SL	12/15/25 16:24

Client Sample ID: WAN-WGWC-38D
Lab Sample ID: 705-49212-7
Date Collected: 11/10/25 13:35
Matrix: Water
Date Received: 11/12/25 14:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745865	VLQ	EET SL	11/19/25 07:59
Total/NA	Analysis	9315		1	749245	SWS	EET SL	12/14/25 13:32
Total/NA	Prep	PrecSep_0			745866	VLQ	EET SL	11/19/25 08:05
Total/NA	Analysis	9320		1	749172	FLC	EET SL	12/12/25 12:06
Total/NA	Analysis	Ra226_Ra228		1	749567	EMH	EET SL	12/15/25 16:24

Client Sample ID: WAN-WGWC-40
Lab Sample ID: 705-49212-8
Date Collected: 11/11/25 10:42
Matrix: Water
Date Received: 11/12/25 14:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745865	VLQ	EET SL	11/19/25 07:59
Total/NA	Analysis	9315		1	749245	SWS	EET SL	12/14/25 13:33
Total/NA	Prep	PrecSep_0			745866	VLQ	EET SL	11/19/25 08:05
Total/NA	Analysis	9320		1	749172	FLC	EET SL	12/12/25 12:05
Total/NA	Analysis	Ra226_Ra228		1	749567	EMH	EET SL	12/15/25 16:24

Lab Chronicle

Client: Southern Company
Job ID: 705-49212-2
Project/Site: Plant Wansley Ash Pond Quarterly 2

Client Sample ID: WAN-WGWC-42
Lab Sample ID: 705-49212-9
Date Collected: 11/10/25 14:26
Matrix: Water
Date Received: 11/12/25 14:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745865	VLQ	EET SL	11/19/25 07:59
Total/NA	Analysis	9315		1	749245	SWS	EET SL	12/14/25 13:33
Total/NA	Prep	PrecSep_0			745866	VLQ	EET SL	11/19/25 08:05
Total/NA	Analysis	9320		1	749172	FLC	EET SL	12/12/25 12:06
Total/NA	Analysis	Ra226_Ra228		1	749567	EMH	EET SL	12/15/25 16:24

Client Sample ID: WAN-AP1-FB-15
Lab Sample ID: 705-49212-10
Date Collected: 11/11/25 15:00
Matrix: Water
Date Received: 11/12/25 14:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			745865	VLQ	EET SL	11/19/25 07:59
Total/NA	Analysis	9315		1	749245	SWS	EET SL	12/14/25 13:33
Total/NA	Prep	PrecSep_0			745866	VLQ	EET SL	11/19/25 08:05
Total/NA	Analysis	9320		1	749172	FLC	EET SL	12/12/25 12:05
Total/NA	Analysis	Ra226_Ra228		1	749567	EMH	EET SL	12/15/25 16:24

Client Sample ID: WAN-AP1-FD-09
Lab Sample ID: 705-49212-11
Date Collected: 11/11/25 15:00
Matrix: Water
Date Received: 11/12/25 14:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			746140	AMS	EET SL	11/20/25 09:04
Total/NA	Analysis	9315		1	749175	SWS	EET SL	12/12/25 17:52
Total/NA	Prep	PrecSep_0			746141	AMS	EET SL	11/20/25 09:07
Total/NA	Analysis	9320		1	748579	SWS	EET SL	12/09/25 12:17
Total/NA	Analysis	Ra226_Ra228		1	749567	EMH	EET SL	12/15/25 16:24

Client Sample ID: WAN-AP1-EB-09
Lab Sample ID: 705-49212-12
Date Collected: 11/11/25 17:00
Matrix: Water
Date Received: 11/12/25 14:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			746142	AMS	EET SL	11/20/25 09:10
Total/NA	Analysis	9315		1	749244	SWS	EET SL	12/14/25 13:29
Total/NA	Prep	PrecSep_0			746143	AMS	EET SL	11/20/25 09:12
Total/NA	Analysis	9320		1	749172	FLC	EET SL	12/12/25 12:13
Total/NA	Analysis	Ra226_Ra228		1	749567	EMH	EET SL	12/16/25 14:17

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: 705-49212-2
Project/Site: Plant Wansley Ash Pond Quarterly 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 12/2/2025 5:36:39 PM

JOB DESCRIPTION

Plant Wansley Ash Pond Quarterly 2

JOB NUMBER

705-49432-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

myEOL

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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12/2/2025 5:36:39 PM

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

Sample Summary

Client: Southern Company
Job ID: 705-49432-1
Project/Site: Plant Wansley Ash Pond Quarterly 2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-49432-1	WAN-WGWC-31D	Water	11/12/25 10:59	11/14/25 11:40	Georgia
705-49432-2	WAN-WGWC-33	Water	11/12/25 11:00	11/14/25 11:40	Georgia
705-49432-3	WAN-WGWC-35S	Water	11/12/25 14:13	11/14/25 11:40	Georgia
705-49432-4	WAN-AP1-EB-10	Water	11/12/25 09:20	11/14/25 11:40	Georgia
705-49432-5	WAN-WGWC-30	Water	11/13/25 18:00	11/14/25 11:40	Georgia
705-49432-6	WAN-WGWC-36S	Water	11/13/25 13:00	11/14/25 11:40	Georgia
705-49432-7	WAN-WGWC-37S	Water	11/13/25 15:20	11/14/25 11:40	Georgia
705-49432-8	WAN-WGWC-38S	Water	11/12/25 15:55	11/14/25 11:40	Georgia
705-49432-9	WAN-WGWC-39	Water	11/13/25 11:12	11/14/25 11:40	Georgia
705-49432-10	WAN-AP1-FD-10	Water	11/13/25 00:00	11/14/25 11:40	Georgia
705-49432-11	WAN-AP1-FB-16	Water	11/13/25 12:05	11/14/25 11:40	Georgia
705-49432-12	WAN-WGWC-35D	Water	11/12/25 16:20	11/14/25 11:40	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. Samson ACC / C. Kramme	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 Quarterly 2	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-2025 11.10

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=comp, G=grab)	Matrix (WC=ground water, WS=surface water, WQ=equality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D_App III Metals: B, Ca	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-31D	11/12/25	1059	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	
WAN-WGWC-33	11/12/25	1100	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	
WAN-WGWC-35S	11/12/25	1413	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	
WAN-API-EB-10	11/12/25	0920	G	WQ		N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	
WAN-WGWC-30	11/13/25	~~1555~~ 1800	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	
WAN-WGWC-36S	11/13/25	1300	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	
WAN-WGWC-37S	11/13/25	1520	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	
WAN-WGWC-38S	11/12/25	~~1515~~	DUG	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	1555 = Sample Time (DS)
WAN-WGWC-39	11/13/25	1112	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	
WAN-API-FD-10	11/13/25	—	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	
WAN-API-FB-16	11/13/25	1205	G	WQ		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 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	Received by:	Date/Time:	Company
Relinquished by:	11/14/25 @ 1000	ACC		11-14-25 1000	ACC
Relinquished by:	11/14/25 1140	ACC		11/14/25 11:40	
Relinquished by:					

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

Cooler Temperature(s) °C and Other Remarks: 1.3, 1.2, 2.2, 2.2 #2665

Ver: 01/16/2019

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 C. Kilcrease	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 Quarterly 2	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Task_Code: WAN-CCR-OTH-2025 11 12

Special Instructions/Note:

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=comp, G=grab)	Matrix (W=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-35D	11/12/25	1620	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	11/14/25 @ 1000	ACC	[signature]	11-14-25 1000	ACC
[signature]	11-14-25 1149	ACC	[signature]	11/14/25 11140	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Cooler Temperature(s) °C and Other Remarks: 1.3, 1.2, 2.2, 2.2 #2665

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-49432-1

Login Number: 49432

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.

Definitions/Glossary

Client: Southern Company
Job ID: 705-49432-1
Project/Site: Plant Wansley Ash Pond Quarterly 2

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD 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.

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
705-49432-1

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 11/14/2025 11:40 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 1.2°C, 1.3°C, 2.2°C and 2.2°C.

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

Metals
Method 6010D: The continuing calibration verification (CCV) failed low for Silver, Chromium, Lead, and Zinc. This result only effects the batch QC for Boron which passes. All other samples, that are not associated with this submittal, will be reanalyzed. (CCV 705-96504/21), (LCS 705-95804/2-A), (MB 705-95804/1-A), (752-39282-A-18-B MS), (752-39282-A-18-C MSD), (752-39282-A-18-B MSSD) and (752-39282-A-18-A PDS)

Method 6020B - Total Recoverable: The continuing calibration verification (CCV) associated with batch 705-97111 recovered above the upper control limit for Beryllium. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:WAN-WGWC-30 (705-49432-5), WAN-WGWC-36S (705-49432-6), WAN-WGWC-38S (705-49432-8), WAN-WGWC-39 (705-49432-9), (CCV 705-97111/27) and (705-49409-A-4-A).

Method 6020B - Total Recoverable: The method blank for preparation batch 705-96907 and analytical batch 705-97111 contained Selenium 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 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 (705-49432-7)

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 2

Job ID: 705-49432-1

Client Sample ID: WAN-WGWC-31D — Lab Sample ID: 705-49432-1

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	3.0		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	20		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	26		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.057		0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.00062	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	190		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-33 — Lab Sample ID: 705-49432-2

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	1.0		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	320		10	7.7	mg/L	10		300.0	Total/NA
Boron	0.99		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	93		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.028		0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.0038	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.00046	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Molybdenum	0.022		0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Mercury	0.00020		0.00020	0.00017	mg/L	1		7470A	Total/NA
Total Dissolved Solids	540		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-35S — Lab Sample ID: 705-49432-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.7		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.34		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	3.8		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	48		0.10	0.038	mg/L	1		6010D	Total/NA
Arsenic	0.0014	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	0.0083		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cadmium	0.0027		0.00070	0.00024	mg/L	1		6020B	Total Recoverable
Cobalt	0.0024	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Selenium	0.011		0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	240		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-EB-10 — Lab Sample ID: 705-49432-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.11	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	0.79	J	1.0	0.77	mg/L	1		300.0	Total/NA
Barium	0.033		0.010	0.00041	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Client Sample ID: WAN-AP1-EB-10 (Continued) — Lab Sample ID: 705-49432-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.0083		0.0050	0.00041	mg/L	1		6020B	Total Recoverable

Client Sample ID: WAN-WGWC-30 — Lab Sample ID: 705-49432-5

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	0.12	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	0.83	J	1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	0.24		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.026		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	44		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-36S — Lab Sample ID: 705-49432-6

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	0.26		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	16		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	28		0.10	0.038	mg/L	1		6010D	Total/NA
Arsenic	0.0013	J	0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Barium	0.086		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.026		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Molybdenum	0.00079	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Selenium	0.0029	J B	0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	190		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-37S — Lab Sample ID: 705-49432-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	580		10	9.8	mg/L	10		300.0	Total/NA
Fluoride	0.34		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	3.0		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	2.4		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	26		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0062	J	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	1.1		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.0027		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cadmium	0.0045		0.00070	0.00024	mg/L	1		6020B	Total Recoverable
Cobalt	0.67		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Lead	0.0023		0.0010	0.00086	mg/L	1		6020B	Total Recoverable
Selenium	0.019	B	0.0050	0.0023	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: WAN-WGWC-37S (Continued)
Lab Sample ID: 705-49432-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Thallium	0.0032		0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	2500		20	20	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-38S
Lab Sample ID: 705-49432-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	9.4		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	12		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.028	J	0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	32		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0059	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Arsenic	0.0014	J	0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Barium	0.11		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.031		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Selenium	0.0043	J B	0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	200		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-39
Lab Sample ID: 705-49432-9

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	0.22		0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	0.42		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.053		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00041	J ^+	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.0088		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Lead	0.0010		0.0010	0.00086	mg/L	1		6020B	Total Recoverable
Selenium	0.0026	J B	0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	40		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-FD-10
Lab Sample ID: 705-49432-10

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	0.12	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	0.24		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.026		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Selenium	0.0032	J B	0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	50		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Job ID: 705-49432-1
Project/Site: Plant Wansley Ash Pond Quarterly 2

Client Sample ID: WAN-AP1-FB-16 — Lab Sample ID: 705-49432-11

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-35D — Lab Sample ID: 705-49432-12

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	0.28		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	42		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0059	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Total Dissolved Solids	220		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: WAN-WGWC-31D

Lab Sample ID: 705-49432-1

Date Collected: 11/12/25 10:59

Matrix: Water

Date Received: 11/14/25 11:40

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			11/25/25 18:19	1
Fluoride	**3.0**		0.20	0.081	mg/L			11/25/25 18:19	1
Sulfate	**20**		1.0	0.77	mg/L			11/25/25 18:19	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		11/17/25 15:00	11/19/25 19:15	1
Calcium	**26**		0.10	0.038	mg/L		11/17/25 15:00	11/19/25 19:15	1
Lithium	**0.057**		0.020	0.0037	mg/L		11/17/25 15:00	11/25/25 12:14	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		11/20/25 11:50	11/20/25 21:38	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		11/20/25 11:50	11/20/25 21:38	1
Barium	**0.00062**	**J**	0.010	0.00041	mg/L		11/20/25 11:50	11/20/25 21:38	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		11/20/25 11:50	11/20/25 21:38	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		11/20/25 11:50	11/20/25 21:38	1
Chromium	<0.0037		0.0050	0.0037	mg/L		11/20/25 11:50	11/20/25 21:38	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		11/20/25 11:50	11/20/25 21:38	1
Lead	<0.00086		0.0010	0.00086	mg/L		11/20/25 11:50	11/20/25 21:38	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		11/20/25 11:50	11/20/25 21:38	1
Selenium	<0.0023		0.0050	0.0023	mg/L		11/20/25 11:50	11/20/25 21:38	1
Thallium	<0.00019		0.0010	0.00019	mg/L		11/20/25 11:50	11/20/25 21:38	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		12/01/25 11:15	12/01/25 17:21	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			11/19/25 14:15	1

Client Sample ID: WAN-WGWC-33

Lab Sample ID: 705-49432-2

Date Collected: 11/12/25 11:00

Matrix: Water

Date Received: 11/14/25 11:40

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			11/25/25 18:31	1
Fluoride	**1.0**		0.20	0.081	mg/L			11/25/25 18:31	1
Sulfate	**320**		10	7.7	mg/L			11/26/25 18:54	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.99**		0.080	0.026	mg/L		11/17/25 15:00	11/19/25 19:18	1
Calcium	**93**		0.10	0.038	mg/L		11/17/25 15:00	11/19/25 19:18	1
Lithium	**0.028**		0.020	0.0037	mg/L		11/17/25 15:00	11/25/25 12:16	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		11/20/25 11:50	11/20/25 21:40	1

Client Sample ID: WAN-WGWC-33
Lab Sample ID: 705-49432-2

Date Collected: 11/12/25 11:00
Matrix: Water
Date Received: 11/14/25 11:40

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		11/20/25 11:50	11/20/25 21:40	1
Barium	**0.0038**	**J**	0.010	0.00041	mg/L		11/20/25 11:50	11/20/25 21:40	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		11/20/25 11:50	11/20/25 21:40	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		11/20/25 11:50	11/20/25 21:40	1
Chromium	<0.0037		0.0050	0.0037	mg/L		11/20/25 11:50	11/20/25 21:40	1
Cobalt	**0.00046**	**J**	0.0050	0.00041	mg/L		11/20/25 11:50	11/20/25 21:40	1
Lead	<0.00086		0.0010	0.00086	mg/L		11/20/25 11:50	11/20/25 21:40	1
Molybdenum	**0.022**		0.0050	0.00069	mg/L		11/20/25 11:50	11/20/25 21:40	1
Selenium	<0.0023		0.0050	0.0023	mg/L		11/20/25 11:50	11/20/25 21:40	1
Thallium	<0.00019		0.0010	0.00019	mg/L		11/20/25 11:50	11/20/25 21:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00020**		0.00020	0.00017	mg/L		12/01/25 11:15	12/01/25 17:25	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			11/19/25 14:15	1

Client Sample ID: WAN-WGWC-35S
Lab Sample ID: 705-49432-3

Date Collected: 11/12/25 14:13
Matrix: Water
Date Received: 11/14/25 11:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.7**		1.0	0.98	mg/L			11/25/25 18:43	1
Fluoride	**0.34**		0.20	0.081	mg/L			11/25/25 18:43	1
Sulfate	**3.8**		1.0	0.77	mg/L			11/25/25 18:43	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		11/17/25 15:00	11/19/25 19:21	1
Calcium	**48**		0.10	0.038	mg/L		11/17/25 15:00	11/19/25 19:21	1
Lithium	<0.0037		0.020	0.0037	mg/L		11/17/25 15:00	11/25/25 12:18	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		11/20/25 11:50	11/20/25 21:43	1
Arsenic	**0.0014**	**J**	0.0050	0.0013	mg/L		11/20/25 11:50	11/20/25 21:43	1
Barium	**0.013**		0.010	0.00041	mg/L		11/20/25 11:50	11/20/25 21:43	1
Beryllium	**0.0083**		0.0010	0.00015	mg/L		11/20/25 11:50	11/20/25 21:43	1
Cadmium	**0.0027**		0.00070	0.00024	mg/L		11/20/25 11:50	11/20/25 21:43	1
Chromium	<0.0037		0.0050	0.0037	mg/L		11/20/25 11:50	11/20/25 21:43	1
Cobalt	**0.0024**	**J**	0.0050	0.00041	mg/L		11/20/25 11:50	11/20/25 21:43	1
Lead	<0.00086		0.0010	0.00086	mg/L		11/20/25 11:50	11/20/25 21:43	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		11/20/25 11:50	11/20/25 21:43	1
Selenium	**0.011**		0.0050	0.0023	mg/L		11/20/25 11:50	11/20/25 21:43	1
Thallium	<0.00019		0.0010	0.00019	mg/L		11/20/25 11:50	11/20/25 21:43	1

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 2

Job ID: 705-49432-1

Client Sample ID: WAN-WGWC-35S

Lab Sample ID: 705-49432-3

Date Collected: 11/12/25 14:13
Matrix: Water
Date Received: 11/14/25 11:40

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		12/01/25 11:15	12/01/25 17:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**240**		10	10	mg/L			11/19/25 14:15	1

Client Sample ID: WAN-AP1-EB-10

Lab Sample ID: 705-49432-4

Date Collected: 11/12/25 09:20
Matrix: Water
Date Received: 11/14/25 11:40

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			11/25/25 18:54	1
Fluoride	**0.11**	**J**	0.20	0.081	mg/L			11/25/25 18:54	1
Sulfate	**0.79**	**J**	1.0	0.77	mg/L			11/25/25 18:54	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		11/17/25 15:00	11/19/25 19:24	1
Calcium	<0.038		0.10	0.038	mg/L		11/17/25 15:00	11/19/25 19:24	1
Lithium	<0.0037		0.020	0.0037	mg/L		11/17/25 15:00	11/25/25 12:20	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		11/20/25 11:50	11/20/25 21:45	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		11/20/25 11:50	11/20/25 21:45	1
Barium	**0.033**		0.010	0.00041	mg/L		11/20/25 11:50	11/20/25 21:45	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		11/20/25 11:50	11/20/25 21:45	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		11/20/25 11:50	11/20/25 21:45	1
Chromium	<0.0037		0.0050	0.0037	mg/L		11/20/25 11:50	11/20/25 21:45	1
Cobalt	**0.0083**		0.0050	0.00041	mg/L		11/20/25 11:50	11/20/25 21:45	1
Lead	<0.00086		0.0010	0.00086	mg/L		11/20/25 11:50	11/20/25 21:45	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		11/20/25 11:50	11/20/25 21:45	1
Selenium	<0.0023		0.0050	0.0023	mg/L		11/20/25 11:50	11/20/25 21:45	1
Thallium	<0.00019		0.0010	0.00019	mg/L		11/20/25 11:50	11/20/25 21:45	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		12/01/25 11:15	12/01/25 17:33	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			11/19/25 14:15	1

Client Sample ID: WAN-WGWC-30

Lab Sample ID: 705-49432-5

Date Collected: 11/13/25 18:00

Matrix: Water

Date Received: 11/14/25 11:40

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			11/25/25 19:40	1
Fluoride	**0.12**	**J**	0.20	0.081	mg/L			11/25/25 19:40	1
Sulfate	**0.83**	**J**	1.0	0.77	mg/L			11/25/25 19:40	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		11/17/25 15:00	11/19/25 19:27	1
Calcium	**0.24**		0.10	0.038	mg/L		11/17/25 15:00	11/19/25 19:27	1
Lithium	<0.0037		0.020	0.0037	mg/L		11/17/25 15:00	11/25/25 12:34	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		11/21/25 11:40	11/21/25 21:43	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		11/21/25 11:40	11/21/25 21:43	1
Barium	**0.026**		0.010	0.00041	mg/L		11/21/25 11:40	11/21/25 21:43	1
Beryllium	<0.00015	^+	0.0010	0.00015	mg/L		11/21/25 11:40	11/21/25 21:43	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		11/21/25 11:40	11/21/25 21:43	1
Chromium	<0.0037		0.0050	0.0037	mg/L		11/21/25 11:40	11/21/25 21:43	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		11/21/25 11:40	11/21/25 21:43	1
Lead	<0.00086		0.0010	0.00086	mg/L		11/21/25 11:40	11/21/25 21:43	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		11/21/25 11:40	11/21/25 21:43	1
Selenium	<0.0023		0.0050	0.0023	mg/L		11/21/25 11:40	11/21/25 21:43	1
Thallium	<0.00019		0.0010	0.00019	mg/L		11/21/25 11:40	11/21/25 21:43	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		12/01/25 11:15	12/01/25 17:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**44**		10	10	mg/L			11/19/25 14:15	1

Client Sample ID: WAN-WGWC-36S

Lab Sample ID: 705-49432-6

Date Collected: 11/13/25 13:00

Matrix: Water

Date Received: 11/14/25 11:40

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			11/25/25 19:52	1
Fluoride	**0.26**		0.20	0.081	mg/L			11/25/25 19:52	1
Sulfate	**16**		1.0	0.77	mg/L			11/25/25 19:52	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		11/17/25 15:00	11/19/25 19:30	1
Calcium	**28**		0.10	0.038	mg/L		11/17/25 15:00	11/19/25 19:30	1
Lithium	<0.0037		0.020	0.0037	mg/L		11/17/25 15:00	11/25/25 12:36	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		11/21/25 11:40	11/21/25 21:46	1

Client Sample ID: WAN-WGWC-36S

Lab Sample ID: 705-49432-6

Date Collected: 11/13/25 13:00

Matrix: Water

Date Received: 11/14/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0013**	**J**	0.0050	0.0013	mg/L		11/21/25 11:40	11/21/25 21:46	1
Barium	**0.086**		0.010	0.00041	mg/L		11/21/25 11:40	11/21/25 21:46	1
Beryllium	<0.00015	^+	0.0010	0.00015	mg/L		11/21/25 11:40	11/21/25 21:46	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		11/21/25 11:40	11/21/25 21:46	1
Chromium	<0.0037		0.0050	0.0037	mg/L		11/21/25 11:40	11/21/25 21:46	1
Cobalt	**0.026**		0.0050	0.00041	mg/L		11/21/25 11:40	11/21/25 21:46	1
Lead	<0.00086		0.0010	0.00086	mg/L		11/21/25 11:40	11/21/25 21:46	1
Molybdenum	**0.00079**	**J**	0.0050	0.00069	mg/L		11/21/25 11:40	11/21/25 21:46	1
Selenium	**0.0029**	**J B**	0.0050	0.0023	mg/L		11/21/25 11:40	11/21/25 21:46	1
Thallium	<0.00019		0.0010	0.00019	mg/L		11/21/25 11:40	11/21/25 21:46	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		12/01/25 11:15	12/01/25 17:41	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			11/19/25 14:15	1

Client Sample ID: WAN-WGWC-37S

Lab Sample ID: 705-49432-7

Date Collected: 11/13/25 15:20

Matrix: Water

Date Received: 11/14/25 11:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**580**		10	9.8	mg/L			11/26/25 18:43	10
Fluoride	**0.34**		0.20	0.081	mg/L			11/25/25 20:03	1
Sulfate	**3.0**		1.0	0.77	mg/L			11/25/25 20:03	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**2.4**		0.080	0.026	mg/L		11/18/25 16:43	11/20/25 14:02	1
Calcium	**26**		0.10	0.038	mg/L		11/18/25 16:43	11/20/25 14:02	1
Lithium	**0.0062**	**J**	0.020	0.0037	mg/L		11/18/25 16:43	11/25/25 13:13	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		11/21/25 11:40	11/21/25 21:48	1
Arsenic	**0.0046**	**J**	0.0050	0.0013	mg/L		11/21/25 11:40	11/21/25 21:48	1
Barium	**1.1**		0.010	0.00041	mg/L		11/21/25 11:40	11/21/25 21:48	1
Beryllium	**0.0027**		0.0010	0.00015	mg/L		11/21/25 11:40	11/25/25 16:32	1
Cadmium	**0.0045**		0.00070	0.00024	mg/L		11/21/25 11:40	11/21/25 21:48	1
Chromium	<0.0037		0.0050	0.0037	mg/L		11/21/25 11:40	11/21/25 21:48	1
Cobalt	**0.67**		0.0050	0.00041	mg/L		11/21/25 11:40	11/21/25 21:48	1
Lead	**0.0023**		0.0010	0.00086	mg/L		11/21/25 11:40	11/21/25 21:48	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		11/21/25 11:40	11/21/25 21:48	1
Selenium	**0.019**	**B**	0.0050	0.0023	mg/L		11/21/25 11:40	11/21/25 21:48	1
Thallium	**0.0032**		0.0010	0.00019	mg/L		11/21/25 11:40	11/21/25 21:48	1

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 2

Job ID: 705-49432-1

Client Sample ID: WAN-WGWC-37S

Lab Sample ID: 705-49432-7

Date Collected: 11/13/25 15:20

Matrix: Water

Date Received: 11/14/25 11:40

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		12/01/25 11:15	12/01/25 17:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	2500		20	20	mg/L			11/19/25 14:15	1

Client Sample ID: WAN-WGWC-38S

Lab Sample ID: 705-49432-8

Date Collected: 11/12/25 15:55

Matrix: Water

Date Received: 11/14/25 11:40

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.4		1.0	0.98	mg/L			11/25/25 20:15	1
Fluoride	0.17	J	0.20	0.081	mg/L			11/25/25 20:15	1
Sulfate	12		1.0	0.77	mg/L			11/25/25 20:15	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.028	J	0.080	0.026	mg/L		11/18/25 16:43	11/20/25 14:04	1
Calcium	32		0.10	0.038	mg/L		11/18/25 16:43	11/20/25 14:04	1
Lithium	0.0059	J	0.020	0.0037	mg/L		11/18/25 16:43	11/25/25 13:15	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		11/21/25 11:40	11/21/25 21:50	1
Arsenic	0.0014	J	0.0050	0.0013	mg/L		11/21/25 11:40	11/21/25 21:50	1
Barium	0.11		0.010	0.00041	mg/L		11/21/25 11:40	11/21/25 21:50	1
Beryllium	<0.00015	^+	0.0010	0.00015	mg/L		11/21/25 11:40	11/21/25 21:50	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		11/21/25 11:40	11/21/25 21:50	1
Chromium	<0.0037		0.0050	0.0037	mg/L		11/21/25 11:40	11/21/25 21:50	1
Cobalt	0.031		0.0050	0.00041	mg/L		11/21/25 11:40	11/21/25 21:50	1
Lead	<0.00086		0.0010	0.00086	mg/L		11/21/25 11:40	11/21/25 21:50	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		11/21/25 11:40	11/21/25 21:50	1
Selenium	0.0043	J B	0.0050	0.0023	mg/L		11/21/25 11:40	11/21/25 21:50	1
Thallium	<0.00019		0.0010	0.00019	mg/L		11/21/25 11:40	11/21/25 21:50	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		12/01/25 11:15	12/01/25 18:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	200		10	10	mg/L			11/19/25 14:15	1

Client Sample ID: WAN-WGWC-39

Lab Sample ID: 705-49432-9

Date Collected: 11/13/25 11:12

Matrix: Water

Date Received: 11/14/25 11:40

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			11/25/25 13:40	1
Fluoride	**0.22**		0.20	0.081	mg/L			11/25/25 13:40	1
Sulfate	<0.77		1.0	0.77	mg/L			11/25/25 13:40	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		11/18/25 16:43	11/20/25 14:26	1
Calcium	**0.42**		0.10	0.038	mg/L		11/18/25 16:43	11/20/25 14:26	1
Lithium	<0.0037		0.020	0.0037	mg/L		11/18/25 16:43	11/25/25 13:17	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		11/21/25 11:40	11/21/25 21:53	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		11/21/25 11:40	11/21/25 21:53	1
Barium	**0.053**		0.010	0.00041	mg/L		11/21/25 11:40	11/21/25 21:53	1
Beryllium	**0.00041**	**J ^+**	0.0010	0.00015	mg/L		11/21/25 11:40	11/21/25 21:53	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		11/21/25 11:40	11/21/25 21:53	1
Chromium	<0.0037		0.0050	0.0037	mg/L		11/21/25 11:40	11/21/25 21:53	1
Cobalt	**0.0088**		0.0050	0.00041	mg/L		11/21/25 11:40	11/21/25 21:53	1
Lead	**0.0010**		0.0010	0.00086	mg/L		11/21/25 11:40	11/21/25 21:53	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		11/21/25 11:40	11/21/25 21:53	1
Selenium	**0.0026**	**J B**	0.0050	0.0023	mg/L		11/21/25 11:40	11/21/25 21:53	1
Thallium	<0.00019		0.0010	0.00019	mg/L		11/21/25 11:40	11/21/25 21:53	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		12/01/25 11:15	12/01/25 18:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**40**		10	10	mg/L			11/19/25 14:15	1

Client Sample ID: WAN-AP1-FD-10

Lab Sample ID: 705-49432-10

Date Collected: 11/13/25 00:00

Matrix: Water

Date Received: 11/14/25 11:40

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			11/25/25 17:45	1
Fluoride	**0.12**	**J**	0.20	0.081	mg/L			11/25/25 17:45	1
Sulfate	<0.77		1.0	0.77	mg/L			11/25/25 17:45	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		11/18/25 16:43	11/20/25 14:29	1
Calcium	**0.24**		0.10	0.038	mg/L		11/18/25 16:43	11/20/25 14:29	1
Lithium	<0.0037		0.020	0.0037	mg/L		11/18/25 16:43	11/25/25 13:23	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		11/21/25 11:40	11/21/25 22:09	1

Client Sample ID: WAN-AP1-FD-10

Lab Sample ID: 705-49432-10

Date Collected: 11/13/25 00:00

Matrix: Water

Date Received: 11/14/25 11:40

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		11/21/25 11:40	11/21/25 22:09	1
Barium	**0.026**		0.010	0.00041	mg/L		11/21/25 11:40	11/21/25 22:09	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		11/21/25 11:40	11/21/25 22:09	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		11/21/25 11:40	11/21/25 22:09	1
Chromium	<0.0037		0.0050	0.0037	mg/L		11/21/25 11:40	11/21/25 22:09	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		11/21/25 11:40	11/21/25 22:09	1
Lead	<0.00086		0.0010	0.00086	mg/L		11/21/25 11:40	11/21/25 22:09	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		11/21/25 11:40	11/21/25 22:09	1
Selenium	**0.0032**	**J B**	0.0050	0.0023	mg/L		11/21/25 11:40	11/21/25 22:09	1
Thallium	<0.00019		0.0010	0.00019	mg/L		11/21/25 11:40	11/21/25 22:09	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		12/01/25 11:15	12/01/25 18:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**50**		10	10	mg/L			11/19/25 14:15	1

Client Sample ID: WAN-AP1-FB-16

Lab Sample ID: 705-49432-11

Date Collected: 11/13/25 12:05

Matrix: Water

Date Received: 11/14/25 11:40

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			11/25/25 17:56	1
Fluoride	**0.13**	**J**	0.20	0.081	mg/L			11/25/25 17:56	1
Sulfate	<0.77		1.0	0.77	mg/L			11/25/25 17:56	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		11/18/25 16:43	11/20/25 14:32	1
Calcium	<0.038		0.10	0.038	mg/L		11/18/25 16:43	11/20/25 14:32	1
Lithium	<0.0037		0.020	0.0037	mg/L		11/18/25 16:43	11/25/25 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		11/21/25 11:40	11/21/25 22:12	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		11/21/25 11:40	11/21/25 22:12	1
Barium	<0.00041		0.010	0.00041	mg/L		11/21/25 11:40	11/21/25 22:12	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		11/21/25 11:40	11/21/25 22:12	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		11/21/25 11:40	11/21/25 22:12	1
Chromium	<0.0037		0.0050	0.0037	mg/L		11/21/25 11:40	11/21/25 22:12	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		11/21/25 11:40	11/21/25 22:12	1
Lead	<0.00086		0.0010	0.00086	mg/L		11/21/25 11:40	11/21/25 22:12	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		11/21/25 11:40	11/21/25 22:12	1
Selenium	<0.0023		0.0050	0.0023	mg/L		11/21/25 11:40	11/21/25 22:12	1
Thallium	<0.00019		0.0010	0.00019	mg/L		11/21/25 11:40	11/21/25 22:12	1

Client Sample ID: WAN-AP1-FB-16

Lab Sample ID: 705-49432-11

Date Collected: 11/13/25 12:05

Matrix: Water

Date Received: 11/14/25 11:40

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		12/01/25 11:15	12/01/25 18:12	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			11/19/25 14:15	1

Client Sample ID: WAN-WGWC-35D

Lab Sample ID: 705-49432-12

Date Collected: 11/12/25 16:20

Matrix: Water

Date Received: 11/14/25 11:40

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			11/25/25 18:08	1
Fluoride	**0.28**		0.20	0.081	mg/L			11/25/25 18:08	1
Sulfate	**1.7**		1.0	0.77	mg/L			11/25/25 18:08	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		11/18/25 16:43	11/20/25 14:35	1
Calcium	**42**		0.10	0.038	mg/L		11/18/25 16:43	11/20/25 14:35	1
Lithium	**0.0059**	**J**	0.020	0.0037	mg/L		11/18/25 16:43	11/25/25 13:26	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		11/20/25 11:50	11/20/25 22:02	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		11/20/25 11:50	11/20/25 22:02	1
Barium	<0.00041		0.010	0.00041	mg/L		11/20/25 11:50	11/20/25 22:02	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		11/20/25 11:50	11/20/25 22:02	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		11/20/25 11:50	11/20/25 22:02	1
Chromium	<0.0037		0.0050	0.0037	mg/L		11/20/25 11:50	11/20/25 22:02	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		11/20/25 11:50	11/20/25 22:02	1
Lead	<0.00086		0.0010	0.00086	mg/L		11/20/25 11:50	11/20/25 22:02	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		11/20/25 11:50	11/20/25 22:02	1
Selenium	<0.0023		0.0050	0.0023	mg/L		11/20/25 11:50	11/20/25 22:02	1
Thallium	<0.00019		0.0010	0.00019	mg/L		11/20/25 11:50	11/20/25 22:02	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		12/01/25 11:15	12/01/25 18:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**220**		10	10	mg/L			11/19/25 14:15	1

Method Summary

Client: Southern Company
Job ID: 705-49432-1
Project/Site: Plant Wansley Ash Pond Quarterly 2

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 705-97676/3
Matrix: Water
Analysis Batch: 97676

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			11/25/25 12:47	1
Fluoride	<0.081		0.20	0.081	mg/L			11/25/25 12:47	1
Sulfate	<0.77		1.0	0.77	mg/L			11/25/25 12:47	1

Lab Sample ID: LCS 705-97676/4
Matrix: Water
Analysis Batch: 97676

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	5.15		mg/L		103	90 - 110
Sulfate	25.0	25.4		mg/L		102	90 - 110

Lab Sample ID: 705-49432-9 MS
Matrix: Water
Analysis Batch: 97676

Client Sample ID: WAN-WGWC-39
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1.8		10.0	11.5		mg/L		97	90 - 110
Fluoride	0.22		5.00	5.21		mg/L		100	90 - 110
Sulfate	<0.77		25.0	25.0		mg/L		100	90 - 110

Lab Sample ID: 705-49432-9 MSD
Matrix: Water
Analysis Batch: 97676

Client Sample ID: WAN-WGWC-39
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1.8		10.0	11.5		mg/L		97	90 - 110	0	20
Fluoride	0.22		5.00	5.24		mg/L		100	90 - 110	1	20
Sulfate	<0.77		25.0	25.1		mg/L		100	90 - 110	1	20

Lab Sample ID: MB 705-97982/3
Matrix: Water
Analysis Batch: 97982

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			11/26/25 14:07	1
Fluoride	<0.081		0.20	0.081	mg/L			11/26/25 14:07	1
Sulfate	<0.77		1.0	0.77	mg/L			11/26/25 14:07	1

Lab Sample ID: LCS 705-97982/4
Matrix: Water
Analysis Batch: 97982

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	10.7		mg/L		107	90 - 110
Fluoride	5.00	5.34		mg/L		107	90 - 110
Sulfate	25.0	27.0		mg/L		108	90 - 110

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-50125-A-25 MS
Matrix: Water
Analysis Batch: 97982

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	6.2	F1	10.0	13.9	F1	mg/L		77	90 - 110
Fluoride	0.30	F1 F2	5.00	4.39	F1	mg/L		82	90 - 110
Sulfate	3.8	F1	25.0	23.7	F1	mg/L		80	90 - 110

Lab Sample ID: 705-50125-A-25 MSD
Matrix: Water
Analysis Batch: 97982

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	6.2	F1	10.0	15.7		mg/L		95	90 - 110	12	20
Fluoride	0.30	F1 F2	5.00	5.44	F2	mg/L		103	90 - 110	21	20
Sulfate	3.8	F1	25.0	28.4		mg/L		98	90 - 110	18	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-95804/1-A
Matrix: Water
Analysis Batch: 96504

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 95804

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026	^-	0.080	0.026	mg/L		11/17/25 15:00	11/19/25 17:29	1
Calcium	<0.038		0.10	0.038	mg/L		11/17/25 15:00	11/19/25 17:29	1

Lab Sample ID: MB 705-95804/1-A
Matrix: Water
Analysis Batch: 97703

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 95804

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0037		0.020	0.0037	mg/L		11/17/25 15:00	11/25/25 11:56	1

Lab Sample ID: LCS 705-95804/2-A
Matrix: Water
Analysis Batch: 96504

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 95804

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.888	^-	mg/L		89	80 - 120
Calcium	10.0	9.60		mg/L		96	80 - 120

Lab Sample ID: LCS 705-95804/2-A
Matrix: Water
Analysis Batch: 97703

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 95804

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	1.15		mg/L		115	80 - 120

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

Lab Sample ID: 752-39282-A-18-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 96504 — **Prep Batch: 95804**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026	^-	1.00	0.909	^-	mg/L		91	75 - 125
Calcium	0.12		10.0	9.92		mg/L		98	75 - 125

Lab Sample ID: 752-39282-A-18-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 97703 — **Prep Batch: 95804**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.0053	J	1.00	1.13		mg/L		113	75 - 125

Lab Sample ID: 752-39282-A-18-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 96504 — **Prep Batch: 95804**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026	^-	1.00	0.922	^-	mg/L		92	75 - 125	1	20
Calcium	0.12		10.0	10.0		mg/L		99	75 - 125	1	20

Lab Sample ID: 752-39282-A-18-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 97703 — **Prep Batch: 95804**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	0.0053	J	1.00	1.18		mg/L		118	75 - 125	4	20

Lab Sample ID: MB 705-96137/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 96710 — **Prep Batch: 96137**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		11/18/25 16:43	11/20/25 12:23	1
Calcium	<0.038		0.10	0.038	mg/L		11/18/25 16:43	11/20/25 12:23	1

Lab Sample ID: MB 705-96137/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 97706 — **Prep Batch: 96137**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0037		0.020	0.0037	mg/L		11/18/25 16:43	11/25/25 12:59	1

Lab Sample ID: LCS 705-96137/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 96710 — **Prep Batch: 96137**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.902		mg/L		90	80 - 120
Calcium	10.0	9.46		mg/L		95	80 - 120

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

Lab Sample ID: LCS 705-96137/2-A
Matrix: Water
Analysis Batch: 97706

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 96137

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Lithium			1.00	1.08		mg/L		108	80 - 120		

Lab Sample ID: 752-39231-G-3-B MS
Matrix: Water
Analysis Batch: 96710

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 96137

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron	<0.026		1.00	0.923		mg/L		92	75 - 125		
Calcium	65		10.0	72.1	4	mg/L		75	75 - 125		

Lab Sample ID: 752-39231-G-3-B MS
Matrix: Water
Analysis Batch: 97706

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 96137

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Lithium	0.0051	J	1.00	1.22		mg/L		122	75 - 125		

Lab Sample ID: 752-39231-G-3-C MSD
Matrix: Water
Analysis Batch: 96710

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 96137

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	0.912		mg/L		91	75 - 125	1	20
Calcium	65		10.0	71.3	4	mg/L		66	75 - 125	1	20

Lab Sample ID: 752-39231-G-3-C MSD
Matrix: Water
Analysis Batch: 97706

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 96137

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	0.0051	J	1.00	1.21		mg/L		120	75 - 125	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-96575/1-A
Matrix: Water
Analysis Batch: 96961

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 96575

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		11/20/25 11:50	11/20/25 20:45	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		11/20/25 11:50	11/20/25 20:45	1
Barium	<0.00041		0.010	0.00041	mg/L		11/20/25 11:50	11/20/25 20:45	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		11/20/25 11:50	11/20/25 20:45	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		11/20/25 11:50	11/20/25 20:45	1
Chromium	<0.0037		0.0050	0.0037	mg/L		11/20/25 11:50	11/20/25 20:45	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		11/20/25 11:50	11/20/25 20:45	1
Lead	<0.00086		0.0010	0.00086	mg/L		11/20/25 11:50	11/20/25 20:45	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		11/20/25 11:50	11/20/25 20:45	1
Selenium	<0.0023		0.0050	0.0023	mg/L		11/20/25 11:50	11/20/25 20:45	1
Thallium	<0.00019		0.0010	0.00019	mg/L		11/20/25 11:50	11/20/25 20:45	1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LCS 705-96575/2-A
Matrix: Water
Analysis Batch: 96961

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 96575

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony			0.100	0.100		mg/L		100	80 - 120		
Arsenic			0.100	0.100		mg/L		100	80 - 120		
Barium			0.100	0.101		mg/L		101	80 - 120		
Beryllium			0.100	0.0993		mg/L		99	80 - 120		
Cadmium			0.100	0.101		mg/L		101	80 - 120		
Chromium			0.100	0.100		mg/L		100	80 - 120		
Cobalt			0.100	0.101		mg/L		101	80 - 120		
Lead			0.100	0.104		mg/L		104	80 - 120		
Molybdenum			0.100	0.101		mg/L		101	80 - 120		
Selenium			0.100	0.0986		mg/L		99	80 - 120		
Thallium			0.100	0.104		mg/L		104	80 - 120		

Lab Sample ID: 705-49534-A-4-C MS
Matrix: Water
Analysis Batch: 96961

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 96575

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony	<0.0025		0.100	0.0989		mg/L		99	75 - 125		
Arsenic	<0.0013		0.100	0.101		mg/L		101	75 - 125		
Barium	0.030		0.100	0.132		mg/L		102	75 - 125		
Beryllium	0.00022	J	0.100	0.0988		mg/L		99	75 - 125		
Cadmium	0.00037	J	0.100	0.0999		mg/L		100	75 - 125		
Chromium	<0.0037		0.100	0.101		mg/L		101	75 - 125		
Cobalt	<0.00041		0.100	0.100		mg/L		100	75 - 125		
Lead	<0.00086		0.100	0.104		mg/L		104	75 - 125		
Molybdenum	<0.00069		0.100	0.101		mg/L		101	75 - 125		
Selenium	<0.0023		0.100	0.0976		mg/L		98	75 - 125		
Thallium	<0.00019		0.100	0.104		mg/L		104	75 - 125		

Lab Sample ID: 705-49534-A-4-D MSD
Matrix: Water
Analysis Batch: 96961

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 96575

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0989		mg/L		99	75 - 125	0	20
Arsenic	<0.0013		0.100	0.0997		mg/L		100	75 - 125	1	20
Barium	0.030		0.100	0.130		mg/L		101	75 - 125	1	20
Beryllium	0.00022	J	0.100	0.103		mg/L		103	75 - 125	4	20
Cadmium	0.00037	J	0.100	0.103		mg/L		103	75 - 125	3	20
Chromium	<0.0037		0.100	0.101		mg/L		101	75 - 125	1	20
Cobalt	<0.00041		0.100	0.100		mg/L		100	75 - 125	0	20
Lead	<0.00086		0.100	0.104		mg/L		104	75 - 125	0	20
Molybdenum	<0.00069		0.100	0.100		mg/L		100	75 - 125	1	20
Selenium	<0.0023		0.100	0.104		mg/L		104	75 - 125	6	20
Thallium	<0.00019		0.100	0.104		mg/L		104	75 - 125	0	20

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

Lab Sample ID: MB 705-96907/1-A
Matrix: Water
Analysis Batch: 97111

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 96907

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		11/21/25 11:40	11/21/25 20:53	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		11/21/25 11:40	11/21/25 20:53	1
Barium	<0.00041		0.010	0.00041	mg/L		11/21/25 11:40	11/21/25 20:53	1
Beryllium	<0.00015	^+	0.0010	0.00015	mg/L		11/21/25 11:40	11/21/25 20:53	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		11/21/25 11:40	11/21/25 20:53	1
Chromium	<0.0037		0.0050	0.0037	mg/L		11/21/25 11:40	11/21/25 20:53	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		11/21/25 11:40	11/21/25 20:53	1
Lead	<0.00086		0.0010	0.00086	mg/L		11/21/25 11:40	11/21/25 20:53	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		11/21/25 11:40	11/21/25 20:53	1
Selenium	0.00372	J	0.0050	0.0023	mg/L		11/21/25 11:40	11/21/25 20:53	1
Thallium	<0.00019		0.0010	0.00019	mg/L		11/21/25 11:40	11/21/25 20:53	1

Lab Sample ID: LCS 705-96907/2-A
Matrix: Water
Analysis Batch: 97111

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 96907

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	0.107		mg/L		107	80 - 120
Barium	0.100	0.107		mg/L		107	80 - 120
Beryllium	0.100	0.111	^+	mg/L		111	80 - 120
Cadmium	0.100	0.102		mg/L		102	80 - 120
Chromium	0.100	0.0986		mg/L		99	80 - 120
Cobalt	0.100	0.0977		mg/L		98	80 - 120
Lead	0.100	0.0996		mg/L		100	80 - 120
Molybdenum	0.100	0.0992		mg/L		99	80 - 120
Selenium	0.100	0.109		mg/L		109	80 - 120
Thallium	0.100	0.100		mg/L		100	80 - 120

Lab Sample ID: 705-49409-A-4-B MS
Matrix: Water
Analysis Batch: 97111

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 96907

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.101		mg/L		101	75 - 125
Arsenic	0.0051		0.100	0.109		mg/L		104	75 - 125
Barium	0.018		0.100	0.123		mg/L		105	75 - 125
Beryllium	<0.00015	^+	0.100	0.109	^+	mg/L		109	75 - 125
Cadmium	<0.00024		0.100	0.102		mg/L		102	75 - 125
Chromium	<0.0037		0.100	0.102		mg/L		102	75 - 125
Cobalt	<0.00041		0.100	0.100		mg/L		100	75 - 125
Lead	<0.00086		0.100	0.101		mg/L		101	75 - 125
Molybdenum	<0.00069		0.100	0.100		mg/L		100	75 - 125
Selenium	0.0065	B	0.100	0.113		mg/L		106	75 - 125
Thallium	<0.00019		0.100	0.101		mg/L		101	75 - 125

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

Lab Sample ID: 705-49409-A-4-C MSD
Matrix: Water
Analysis Batch: 97111

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 96907

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.103		mg/L		103	75 - 125	2	20
Arsenic	0.0051		0.100	0.109		mg/L		104	75 - 125	0	20
Barium	0.018		0.100	0.126		mg/L		107	75 - 125	2	20
Beryllium	<0.00015	^+	0.100	0.109	^+	mg/L		109	75 - 125	0	20
Cadmium	<0.00024		0.100	0.103		mg/L		103	75 - 125	1	20
Chromium	<0.0037		0.100	0.102		mg/L		102	75 - 125	1	20
Cobalt	<0.00041		0.100	0.101		mg/L		101	75 - 125	1	20
Lead	<0.00086		0.100	0.103		mg/L		103	75 - 125	2	20
Molybdenum	<0.00069		0.100	0.102		mg/L		102	75 - 125	1	20
Selenium	0.0065	B	0.100	0.111		mg/L		104	75 - 125	2	20
Thallium	<0.00019		0.100	0.102		mg/L		102	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-98292/1-A
Matrix: Water
Analysis Batch: 98549

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 98292

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		12/01/25 11:15	12/01/25 16:27	1

Lab Sample ID: LCS 705-98292/2-A
Matrix: Water
Analysis Batch: 98549

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 98292

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00400	0.00410		mg/L		103	80 - 120		

Lab Sample ID: 705-50202-D-3-E MS
Matrix: Water
Analysis Batch: 98549

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 98292

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.00017		0.00400	0.00369		mg/L		92	75 - 125		

Lab Sample ID: 705-50202-D-3-F MSD
Matrix: Water
Analysis Batch: 98549

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 98292

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00359		mg/L		90	75 - 125	3	20

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

Lab Sample ID: MB 705-96323/1
Matrix: Water
Analysis Batch: 96323

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			11/19/25 14:15	1

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

Lab Sample ID: LCS 705-96323/2
Matrix: Water
Analysis Batch: 96323

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	1040		mg/L		104	80 - 120		

Lab Sample ID: 705-49284-C-1 DU
Matrix: Water
Analysis Batch: 96323

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	2100			2080		mg/L				0.8	10

HPLC/IC

Analysis Batch: 97676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49432-1	WAN-WGWC-31D	Total/NA	Water	300.0	
705-49432-2	WAN-WGWC-33	Total/NA	Water	300.0	
705-49432-3	WAN-WGWC-35S	Total/NA	Water	300.0	
705-49432-4	WAN-AP1-EB-10	Total/NA	Water	300.0	
705-49432-5	WAN-WGWC-30	Total/NA	Water	300.0	
705-49432-6	WAN-WGWC-36S	Total/NA	Water	300.0	
705-49432-7	WAN-WGWC-37S	Total/NA	Water	300.0	
705-49432-8	WAN-WGWC-38S	Total/NA	Water	300.0	
705-49432-9	WAN-WGWC-39	Total/NA	Water	300.0	
705-49432-10	WAN-AP1-FD-10	Total/NA	Water	300.0	
705-49432-11	WAN-AP1-FB-16	Total/NA	Water	300.0	
705-49432-12	WAN-WGWC-35D	Total/NA	Water	300.0	
MB 705-97676/3	Method Blank	Total/NA	Water	300.0	
LCS 705-97676/4	Lab Control Sample	Total/NA	Water	300.0	
705-49432-9 MS	WAN-WGWC-39	Total/NA	Water	300.0	
705-49432-9 MSD	WAN-WGWC-39	Total/NA	Water	300.0	

Analysis Batch: 97982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49432-2	WAN-WGWC-33	Total/NA	Water	300.0	
705-49432-7	WAN-WGWC-37S	Total/NA	Water	300.0	
MB 705-97982/3	Method Blank	Total/NA	Water	300.0	
LCS 705-97982/4	Lab Control Sample	Total/NA	Water	300.0	
705-50125-A-25 MS	Matrix Spike	Total/NA	Water	300.0	
705-50125-A-25 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 95804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49432-1	WAN-WGWC-31D	Total/NA	Water	3010A	
705-49432-2	WAN-WGWC-33	Total/NA	Water	3010A	
705-49432-3	WAN-WGWC-35S	Total/NA	Water	3010A	
705-49432-4	WAN-AP1-EB-10	Total/NA	Water	3010A	
705-49432-5	WAN-WGWC-30	Total/NA	Water	3010A	
705-49432-6	WAN-WGWC-36S	Total/NA	Water	3010A	
MB 705-95804/1-A	Method Blank	Total/NA	Water	3010A	
LCS 705-95804/2-A	Lab Control Sample	Total/NA	Water	3010A	
752-39282-A-18-B MS	Matrix Spike	Total/NA	Water	3010A	
752-39282-A-18-C MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	

Prep Batch: 96137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49432-7	WAN-WGWC-37S	Total/NA	Water	3010A	
705-49432-8	WAN-WGWC-38S	Total/NA	Water	3010A	
705-49432-9	WAN-WGWC-39	Total/NA	Water	3010A	
705-49432-10	WAN-AP1-FD-10	Total/NA	Water	3010A	
705-49432-11	WAN-AP1-FB-16	Total/NA	Water	3010A	
705-49432-12	WAN-WGWC-35D	Total/NA	Water	3010A	
MB 705-96137/1-A	Method Blank	Total/NA	Water	3010A	
LCS 705-96137/2-A	Lab Control Sample	Total/NA	Water	3010A	

Metals (Continued)

Prep Batch: 96137 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-39231-G-3-B MS	Matrix Spike	Total/NA	Water	3010A	
752-39231-G-3-C MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	

Analysis Batch: 96504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49432-1	WAN-WGWC-31D	Total/NA	Water	6010D	95804
705-49432-2	WAN-WGWC-33	Total/NA	Water	6010D	95804
705-49432-3	WAN-WGWC-35S	Total/NA	Water	6010D	95804
705-49432-4	WAN-AP1-EB-10	Total/NA	Water	6010D	95804
705-49432-5	WAN-WGWC-30	Total/NA	Water	6010D	95804
705-49432-6	WAN-WGWC-36S	Total/NA	Water	6010D	95804
MB 705-95804/1-A	Method Blank	Total/NA	Water	6010D	95804
LCS 705-95804/2-A	Lab Control Sample	Total/NA	Water	6010D	95804
752-39282-A-18-B MS	Matrix Spike	Total/NA	Water	6010D	95804
752-39282-A-18-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010D	95804

Prep Batch: 96575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49432-1	WAN-WGWC-31D	Total Recoverable	Water	3005A	
705-49432-2	WAN-WGWC-33	Total Recoverable	Water	3005A	
705-49432-3	WAN-WGWC-35S	Total Recoverable	Water	3005A	
705-49432-4	WAN-AP1-EB-10	Total Recoverable	Water	3005A	
705-49432-12	WAN-WGWC-35D	Total Recoverable	Water	3005A	
MB 705-96575/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-96575/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
705-49534-A-4-C MS	Matrix Spike	Total Recoverable	Water	3005A	
705-49534-A-4-D MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 96710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49432-7	WAN-WGWC-37S	Total/NA	Water	6010D	96137
705-49432-8	WAN-WGWC-38S	Total/NA	Water	6010D	96137
705-49432-9	WAN-WGWC-39	Total/NA	Water	6010D	96137
705-49432-10	WAN-AP1-FD-10	Total/NA	Water	6010D	96137
705-49432-11	WAN-AP1-FB-16	Total/NA	Water	6010D	96137
705-49432-12	WAN-WGWC-35D	Total/NA	Water	6010D	96137
MB 705-96137/1-A	Method Blank	Total/NA	Water	6010D	96137
LCS 705-96137/2-A	Lab Control Sample	Total/NA	Water	6010D	96137
752-39231-G-3-B MS	Matrix Spike	Total/NA	Water	6010D	96137
752-39231-G-3-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010D	96137

Prep Batch: 96907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49432-5	WAN-WGWC-30	Total Recoverable	Water	3005A	
705-49432-6	WAN-WGWC-36S	Total Recoverable	Water	3005A	
705-49432-7	WAN-WGWC-37S	Total Recoverable	Water	3005A	
705-49432-8	WAN-WGWC-38S	Total Recoverable	Water	3005A	
705-49432-9	WAN-WGWC-39	Total Recoverable	Water	3005A	
705-49432-10	WAN-AP1-FD-10	Total Recoverable	Water	3005A	
705-49432-11	WAN-AP1-FB-16	Total Recoverable	Water	3005A	
MB 705-96907/1-A	Method Blank	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 96907 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 705-96907/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
705-49409-A-4-B MS	Matrix Spike	Total Recoverable	Water	3005A	
705-49409-A-4-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 96961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49432-1	WAN-WGWC-31D	Total Recoverable	Water	6020B	96575
705-49432-2	WAN-WGWC-33	Total Recoverable	Water	6020B	96575
705-49432-3	WAN-WGWC-35S	Total Recoverable	Water	6020B	96575
705-49432-4	WAN-AP1-EB-10	Total Recoverable	Water	6020B	96575
705-49432-12	WAN-WGWC-35D	Total Recoverable	Water	6020B	96575
MB 705-96575/1-A	Method Blank	Total Recoverable	Water	6020B	96575
LCS 705-96575/2-A	Lab Control Sample	Total Recoverable	Water	6020B	96575
705-49534-A-4-C MS	Matrix Spike	Total Recoverable	Water	6020B	96575
705-49534-A-4-D MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	96575

Analysis Batch: 97111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49432-5	WAN-WGWC-30	Total Recoverable	Water	6020B	96907
705-49432-6	WAN-WGWC-36S	Total Recoverable	Water	6020B	96907
705-49432-7	WAN-WGWC-37S	Total Recoverable	Water	6020B	96907
705-49432-8	WAN-WGWC-38S	Total Recoverable	Water	6020B	96907
705-49432-9	WAN-WGWC-39	Total Recoverable	Water	6020B	96907
705-49432-10	WAN-AP1-FD-10	Total Recoverable	Water	6020B	96907
705-49432-11	WAN-AP1-FB-16	Total Recoverable	Water	6020B	96907
MB 705-96907/1-A	Method Blank	Total Recoverable	Water	6020B	96907
LCS 705-96907/2-A	Lab Control Sample	Total Recoverable	Water	6020B	96907
705-49409-A-4-B MS	Matrix Spike	Total Recoverable	Water	6020B	96907
705-49409-A-4-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	96907

Analysis Batch: 97703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49432-1	WAN-WGWC-31D	Total/NA	Water	6010D	95804
705-49432-2	WAN-WGWC-33	Total/NA	Water	6010D	95804
705-49432-3	WAN-WGWC-35S	Total/NA	Water	6010D	95804
705-49432-4	WAN-AP1-EB-10	Total/NA	Water	6010D	95804
705-49432-5	WAN-WGWC-30	Total/NA	Water	6010D	95804
705-49432-6	WAN-WGWC-36S	Total/NA	Water	6010D	95804
MB 705-95804/1-A	Method Blank	Total/NA	Water	6010D	95804
LCS 705-95804/2-A	Lab Control Sample	Total/NA	Water	6010D	95804
752-39282-A-18-B MS	Matrix Spike	Total/NA	Water	6010D	95804
752-39282-A-18-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010D	95804

Analysis Batch: 97706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49432-7	WAN-WGWC-37S	Total/NA	Water	6010D	96137
705-49432-8	WAN-WGWC-38S	Total/NA	Water	6010D	96137
705-49432-9	WAN-WGWC-39	Total/NA	Water	6010D	96137
705-49432-10	WAN-AP1-FD-10	Total/NA	Water	6010D	96137
705-49432-11	WAN-AP1-FB-16	Total/NA	Water	6010D	96137
705-49432-12	WAN-WGWC-35D	Total/NA	Water	6010D	96137

Metals (Continued)

Analysis Batch: 97706 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 705-96137/1-A	Method Blank	Total/NA	Water	6010D	96137
LCS 705-96137/2-A	Lab Control Sample	Total/NA	Water	6010D	96137
752-39231-G-3-B MS	Matrix Spike	Total/NA	Water	6010D	96137
752-39231-G-3-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010D	96137

Analysis Batch: 97797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49432-7	WAN-WGWC-37S	Total Recoverable	Water	6020B	96907

Prep Batch: 98292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49432-1	WAN-WGWC-31D	Total/NA	Water	7470A	
705-49432-2	WAN-WGWC-33	Total/NA	Water	7470A	
705-49432-3	WAN-WGWC-35S	Total/NA	Water	7470A	
705-49432-4	WAN-AP1-EB-10	Total/NA	Water	7470A	
705-49432-5	WAN-WGWC-30	Total/NA	Water	7470A	
705-49432-6	WAN-WGWC-36S	Total/NA	Water	7470A	
705-49432-7	WAN-WGWC-37S	Total/NA	Water	7470A	
705-49432-8	WAN-WGWC-38S	Total/NA	Water	7470A	
705-49432-9	WAN-WGWC-39	Total/NA	Water	7470A	
705-49432-10	WAN-AP1-FD-10	Total/NA	Water	7470A	
705-49432-11	WAN-AP1-FB-16	Total/NA	Water	7470A	
705-49432-12	WAN-WGWC-35D	Total/NA	Water	7470A	
MB 705-98292/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-98292/2-A	Lab Control Sample	Total/NA	Water	7470A	
705-50202-D-3-E MS	Matrix Spike	Total/NA	Water	7470A	
705-50202-D-3-F MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 98549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49432-1	WAN-WGWC-31D	Total/NA	Water	7470A	98292
705-49432-2	WAN-WGWC-33	Total/NA	Water	7470A	98292
705-49432-3	WAN-WGWC-35S	Total/NA	Water	7470A	98292
705-49432-4	WAN-AP1-EB-10	Total/NA	Water	7470A	98292
705-49432-5	WAN-WGWC-30	Total/NA	Water	7470A	98292
705-49432-6	WAN-WGWC-36S	Total/NA	Water	7470A	98292
705-49432-7	WAN-WGWC-37S	Total/NA	Water	7470A	98292
705-49432-8	WAN-WGWC-38S	Total/NA	Water	7470A	98292
705-49432-9	WAN-WGWC-39	Total/NA	Water	7470A	98292
705-49432-10	WAN-AP1-FD-10	Total/NA	Water	7470A	98292
705-49432-11	WAN-AP1-FB-16	Total/NA	Water	7470A	98292
705-49432-12	WAN-WGWC-35D	Total/NA	Water	7470A	98292
MB 705-98292/1-A	Method Blank	Total/NA	Water	7470A	98292
LCS 705-98292/2-A	Lab Control Sample	Total/NA	Water	7470A	98292
705-50202-D-3-E MS	Matrix Spike	Total/NA	Water	7470A	98292
705-50202-D-3-F MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	98292

QC Association Summary

Client: Southern Company
Job ID: 705-49432-1
Project/Site: Plant Wansley Ash Pond Quarterly 2

General Chemistry

Analysis Batch: 96323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49432-1	WAN-WGWC-31D	Total/NA	Water	2540C - 2015	
705-49432-2	WAN-WGWC-33	Total/NA	Water	2540C - 2015	
705-49432-3	WAN-WGWC-35S	Total/NA	Water	2540C - 2015	
705-49432-4	WAN-AP1-EB-10	Total/NA	Water	2540C - 2015	
705-49432-5	WAN-WGWC-30	Total/NA	Water	2540C - 2015	
705-49432-6	WAN-WGWC-36S	Total/NA	Water	2540C - 2015	
705-49432-7	WAN-WGWC-37S	Total/NA	Water	2540C - 2015	
705-49432-8	WAN-WGWC-38S	Total/NA	Water	2540C - 2015	
705-49432-9	WAN-WGWC-39	Total/NA	Water	2540C - 2015	
705-49432-10	WAN-AP1-FD-10	Total/NA	Water	2540C - 2015	
705-49432-11	WAN-AP1-FB-16	Total/NA	Water	2540C - 2015	
705-49432-12	WAN-WGWC-35D	Total/NA	Water	2540C - 2015	
MB 705-96323/1	Method Blank	Total/NA	Water	2540C - 2015	
LCS 705-96323/2	Lab Control Sample	Total/NA	Water	2540C - 2015	
705-49284-C-1 DU	Duplicate	Total/NA	Water	2540C - 2015	

Lab Chronicle

Client: Southern Company
Job ID: 705-49432-1
Project/Site: Plant Wansley Ash Pond Quarterly 2

Client Sample ID: WAN-WGWC-31D
Lab Sample ID: 705-49432-1
Date Collected: 11/12/25 10:59
Matrix: Water
Date Received: 11/14/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	97676	MS	EET ATL 2	11/25/25 18:19
Total/NA	Prep	3010A			95804	TR	EET ATL	11/17/25 15:00
Total/NA	Analysis	6010D		1	97703	MT	EET ATL	11/25/25 12:14
Total/NA	Prep	3010A			95804	TR	EET ATL	11/17/25 15:00
Total/NA	Analysis	6010D		1	96504	DS	EET ATL	11/19/25 19:15
Total Recoverable	Prep	3005A			96575	BR	EET ATL	11/20/25 11:50
Total Recoverable	Analysis	6020B		1	96961	TT	EET ATL	11/20/25 21:38
Total/NA	Prep	7470A			98292	GR	EET ATL	12/01/25 11:15
Total/NA	Analysis	7470A		1	98549	GR	EET ATL	12/01/25 17:21
Total/NA	Analysis	2540C - 2015		1	96323	NN	EET ATL	11/19/25 14:15

Client Sample ID: WAN-WGWC-33
Lab Sample ID: 705-49432-2
Date Collected: 11/12/25 11:00
Matrix: Water
Date Received: 11/14/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	97676	MS	EET ATL 2	11/25/25 18:31
Total/NA	Analysis	300.0		10	97982	MS	EET ATL 2	11/26/25 18:54
Total/NA	Prep	3010A			95804	TR	EET ATL	11/17/25 15:00
Total/NA	Analysis	6010D		1	97703	MT	EET ATL	11/25/25 12:16
Total/NA	Prep	3010A			95804	TR	EET ATL	11/17/25 15:00
Total/NA	Analysis	6010D		1	96504	DS	EET ATL	11/19/25 19:18
Total Recoverable	Prep	3005A			96575	BR	EET ATL	11/20/25 11:50
Total Recoverable	Analysis	6020B		1	96961	TT	EET ATL	11/20/25 21:40
Total/NA	Prep	7470A			98292	GR	EET ATL	12/01/25 11:15
Total/NA	Analysis	7470A		1	98549	GR	EET ATL	12/01/25 17:25
Total/NA	Analysis	2540C - 2015		1	96323	NN	EET ATL	11/19/25 14:15

Client Sample ID: WAN-WGWC-35S
Lab Sample ID: 705-49432-3
Date Collected: 11/12/25 14:13
Matrix: Water
Date Received: 11/14/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	97676	MS	EET ATL 2	11/25/25 18:43
Total/NA	Prep	3010A			95804	TR	EET ATL	11/17/25 15:00
Total/NA	Analysis	6010D		1	97703	MT	EET ATL	11/25/25 12:18
Total/NA	Prep	3010A			95804	TR	EET ATL	11/17/25 15:00
Total/NA	Analysis	6010D		1	96504	DS	EET ATL	11/19/25 19:21
Total Recoverable	Prep	3005A			96575	BR	EET ATL	11/20/25 11:50
Total Recoverable	Analysis	6020B		1	96961	TT	EET ATL	11/20/25 21:43
Total/NA	Prep	7470A			98292	GR	EET ATL	12/01/25 11:15
Total/NA	Analysis	7470A		1	98549	GR	EET ATL	12/01/25 17:29
Total/NA	Analysis	2540C - 2015		1	96323	NN	EET ATL	11/19/25 14:15

Client Sample ID: WAN-AP1-EB-10

Lab Sample ID: 705-49432-4

Date Collected: 11/12/25 09:20

Matrix: Water

Date Received: 11/14/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	97676	MS	EET ATL 2	11/25/25 18:54
Total/NA	Prep	3010A			95804	TR	EET ATL	11/17/25 15:00
Total/NA	Analysis	6010D		1	97703	MT	EET ATL	11/25/25 12:20
Total/NA	Prep	3010A			95804	TR	EET ATL	11/17/25 15:00
Total/NA	Analysis	6010D		1	96504	DS	EET ATL	11/19/25 19:24
Total Recoverable	Prep	3005A			96575	BR	EET ATL	11/20/25 11:50
Total Recoverable	Analysis	6020B		1	96961	TT	EET ATL	11/20/25 21:45
Total/NA	Prep	7470A			98292	GR	EET ATL	12/01/25 11:15
Total/NA	Analysis	7470A		1	98549	GR	EET ATL	12/01/25 17:33
Total/NA	Analysis	2540C - 2015		1	96323	NN	EET ATL	11/19/25 14:15

Client Sample ID: WAN-WGWC-30

Lab Sample ID: 705-49432-5

Date Collected: 11/13/25 18:00

Matrix: Water

Date Received: 11/14/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	97676	MS	EET ATL 2	11/25/25 19:40
Total/NA	Prep	3010A			95804	TR	EET ATL	11/17/25 15:00
Total/NA	Analysis	6010D		1	97703	MT	EET ATL	11/25/25 12:34
Total/NA	Prep	3010A			95804	TR	EET ATL	11/17/25 15:00
Total/NA	Analysis	6010D		1	96504	DS	EET ATL	11/19/25 19:27
Total Recoverable	Prep	3005A			96907	SA	EET ATL	11/21/25 11:40
Total Recoverable	Analysis	6020B		1	97111	TT	EET ATL	11/21/25 21:43
Total/NA	Prep	7470A			98292	GR	EET ATL	12/01/25 11:15
Total/NA	Analysis	7470A		1	98549	GR	EET ATL	12/01/25 17:37
Total/NA	Analysis	2540C - 2015		1	96323	NN	EET ATL	11/19/25 14:15

Client Sample ID: WAN-WGWC-36S

Lab Sample ID: 705-49432-6

Date Collected: 11/13/25 13:00

Matrix: Water

Date Received: 11/14/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	97676	MS	EET ATL 2	11/25/25 19:52
Total/NA	Prep	3010A			95804	TR	EET ATL	11/17/25 15:00
Total/NA	Analysis	6010D		1	97703	MT	EET ATL	11/25/25 12:36
Total/NA	Prep	3010A			95804	TR	EET ATL	11/17/25 15:00
Total/NA	Analysis	6010D		1	96504	DS	EET ATL	11/19/25 19:30
Total Recoverable	Prep	3005A			96907	SA	EET ATL	11/21/25 11:40
Total Recoverable	Analysis	6020B		1	97111	TT	EET ATL	11/21/25 21:46
Total/NA	Prep	7470A			98292	GR	EET ATL	12/01/25 11:15
Total/NA	Analysis	7470A		1	98549	GR	EET ATL	12/01/25 17:41
Total/NA	Analysis	2540C - 2015		1	96323	NN	EET ATL	11/19/25 14:15

Client Sample ID: WAN-WGWC-37S

Lab Sample ID: 705-49432-7

Date Collected: 11/13/25 15:20

Matrix: Water

Date Received: 11/14/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	97676	MS	EET ATL 2	11/25/25 20:03
Total/NA	Analysis	300.0		10	97982	MS	EET ATL 2	11/26/25 18:43
Total/NA	Prep	3010A			96137	TR	EET ATL	11/18/25 16:43
Total/NA	Analysis	6010D		1	96710	MT	EET ATL	11/20/25 14:02
Total/NA	Prep	3010A			96137	TR	EET ATL	11/18/25 16:43
Total/NA	Analysis	6010D		1	97706	MT	EET ATL	11/25/25 13:13
Total Recoverable	Prep	3005A			96907	SA	EET ATL	11/21/25 11:40
Total Recoverable	Analysis	6020B		1	97111	TT	EET ATL	11/21/25 21:48
Total Recoverable	Prep	3005A			96907	SA	EET ATL	11/21/25 11:40
Total Recoverable	Analysis	6020B		1	97797	TT	EET ATL	11/25/25 16:32
Total/NA	Prep	7470A			98292	GR	EET ATL	12/01/25 11:15
Total/NA	Analysis	7470A		1	98549	GR	EET ATL	12/01/25 17:57
Total/NA	Analysis	2540C - 2015		1	96323	NN	EET ATL	11/19/25 14:15

Client Sample ID: WAN-WGWC-38S

Lab Sample ID: 705-49432-8

Date Collected: 11/12/25 15:55

Matrix: Water

Date Received: 11/14/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	97676	MS	EET ATL 2	11/25/25 20:15
Total/NA	Prep	3010A			96137	TR	EET ATL	11/18/25 16:43
Total/NA	Analysis	6010D		1	96710	MT	EET ATL	11/20/25 14:04
Total/NA	Prep	3010A			96137	TR	EET ATL	11/18/25 16:43
Total/NA	Analysis	6010D		1	97706	MT	EET ATL	11/25/25 13:15
Total Recoverable	Prep	3005A			96907	SA	EET ATL	11/21/25 11:40
Total Recoverable	Analysis	6020B		1	97111	TT	EET ATL	11/21/25 21:50
Total/NA	Prep	7470A			98292	GR	EET ATL	12/01/25 11:15
Total/NA	Analysis	7470A		1	98549	GR	EET ATL	12/01/25 18:00
Total/NA	Analysis	2540C - 2015		1	96323	NN	EET ATL	11/19/25 14:15

Client Sample ID: WAN-WGWC-39

Lab Sample ID: 705-49432-9

Date Collected: 11/13/25 11:12

Matrix: Water

Date Received: 11/14/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	97676	MS	EET ATL 2	11/25/25 13:40
Total/NA	Prep	3010A			96137	TR	EET ATL	11/18/25 16:43
Total/NA	Analysis	6010D		1	96710	MT	EET ATL	11/20/25 14:26
Total/NA	Prep	3010A			96137	TR	EET ATL	11/18/25 16:43
Total/NA	Analysis	6010D		1	97706	MT	EET ATL	11/25/25 13:17
Total Recoverable	Prep	3005A			96907	SA	EET ATL	11/21/25 11:40
Total Recoverable	Analysis	6020B		1	97111	TT	EET ATL	11/21/25 21:53
Total/NA	Prep	7470A			98292	GR	EET ATL	12/01/25 11:15
Total/NA	Analysis	7470A		1	98549	GR	EET ATL	12/01/25 18:04

Lab Chronicle

Client: Southern Company
Job ID: 705-49432-1
Project/Site: Plant Wansley Ash Pond Quarterly 2

Client Sample ID: WAN-WGWC-39
Lab Sample ID: 705-49432-9
Date Collected: 11/13/25 11:12
Matrix: Water
Date Received: 11/14/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540C - 2015		1	96323	NN	EET ATL	11/19/25 14:15

Client Sample ID: WAN-AP1-FD-10
Lab Sample ID: 705-49432-10
Date Collected: 11/13/25 00:00
Matrix: Water
Date Received: 11/14/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	97676	MS	EET ATL 2	11/25/25 17:45
Total/NA	Prep	3010A			96137	TR	EET ATL	11/18/25 16:43
Total/NA	Analysis	6010D		1	96710	MT	EET ATL	11/20/25 14:29
Total/NA	Prep	3010A			96137	TR	EET ATL	11/18/25 16:43
Total/NA	Analysis	6010D		1	97706	MT	EET ATL	11/25/25 13:23
Total Recoverable	Prep	3005A			96907	SA	EET ATL	11/21/25 11:40
Total Recoverable	Analysis	6020B		1	97111	TT	EET ATL	11/21/25 22:09
Total/NA	Prep	7470A			98292	GR	EET ATL	12/01/25 11:15
Total/NA	Analysis	7470A		1	98549	GR	EET ATL	12/01/25 18:08
Total/NA	Analysis	2540C - 2015		1	96323	NN	EET ATL	11/19/25 14:15

Client Sample ID: WAN-AP1-FB-16
Lab Sample ID: 705-49432-11
Date Collected: 11/13/25 12:05
Matrix: Water
Date Received: 11/14/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	97676	MS	EET ATL 2	11/25/25 17:56
Total/NA	Prep	3010A			96137	TR	EET ATL	11/18/25 16:43
Total/NA	Analysis	6010D		1	96710	MT	EET ATL	11/20/25 14:32
Total/NA	Prep	3010A			96137	TR	EET ATL	11/18/25 16:43
Total/NA	Analysis	6010D		1	97706	MT	EET ATL	11/25/25 13:25
Total Recoverable	Prep	3005A			96907	SA	EET ATL	11/21/25 11:40
Total Recoverable	Analysis	6020B		1	97111	TT	EET ATL	11/21/25 22:12
Total/NA	Prep	7470A			98292	GR	EET ATL	12/01/25 11:15
Total/NA	Analysis	7470A		1	98549	GR	EET ATL	12/01/25 18:12
Total/NA	Analysis	2540C - 2015		1	96323	NN	EET ATL	11/19/25 14:15

Client Sample ID: WAN-WGWC-35D
Lab Sample ID: 705-49432-12
Date Collected: 11/12/25 16:20
Matrix: Water
Date Received: 11/14/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	97676	MS	EET ATL 2	11/25/25 18:08
Total/NA	Prep	3010A			96137	TR	EET ATL	11/18/25 16:43
Total/NA	Analysis	6010D		1	96710	MT	EET ATL	11/20/25 14:35
Total/NA	Prep	3010A			96137	TR	EET ATL	11/18/25 16:43
Total/NA	Analysis	6010D		1	97706	MT	EET ATL	11/25/25 13:26

Lab Chronicle

Client: Southern Company
Job ID: 705-49432-1
Project/Site: Plant Wansley Ash Pond Quarterly 2

Client Sample ID: WAN-WGWC-35D
Lab Sample ID: 705-49432-12
Date Collected: 11/12/25 16:20
Matrix: Water
Date Received: 11/14/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			96575	BR	EET ATL	11/20/25 11:50
Total Recoverable	Analysis	6020B		1	96961	TT	EET ATL	11/20/25 22:02
Total/NA	Prep	7470A			98292	GR	EET ATL	12/01/25 11:15
Total/NA	Analysis	7470A		1	98549	GR	EET ATL	12/01/25 18:16
Total/NA	Analysis	2540C - 2015		1	96323	NN	EET ATL	11/19/25 14:15

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
Job ID: 705-49432-1
Project/Site: Plant Wansley Ash Pond Quarterly 2

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 1/9/2026 1:56:40 PM

JOB DESCRIPTION

Plant Wansley Ash Pond Quarterly 2

JOB NUMBER

705-49432-2

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

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

Authorization



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1/9/2026 1:56:40 PM

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

Sample Summary

Client: Southern Company
Job ID: 705-49432-2
Project/Site: Plant Wansley Ash Pond Quarterly 2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-49432-1	WAN-WGWC-31D	Water	11/12/25 10:59	11/14/25 11:40	Georgia
705-49432-2	WAN-WGWC-33	Water	11/12/25 11:00	11/14/25 11:40	Georgia
705-49432-3	WAN-WGWC-35S	Water	11/12/25 14:13	11/14/25 11:40	Georgia
705-49432-4	WAN-AP1-EB-10	Water	11/12/25 09:20	11/14/25 11:40	Georgia
705-49432-5	WAN-WGWC-30	Water	11/13/25 18:00	11/14/25 11:40	Georgia
705-49432-6	WAN-WGWC-36S	Water	11/13/25 13:00	11/14/25 11:40	Georgia
705-49432-7	WAN-WGWC-37S	Water	11/13/25 15:20	11/14/25 11:40	Georgia
705-49432-8	WAN-WGWC-38S	Water	11/12/25 15:55	11/14/25 11:40	Georgia
705-49432-9	WAN-WGWC-39	Water	11/13/25 11:12	11/14/25 11:40	Georgia
705-49432-10	WAN-AP1-FD-10	Water	11/13/25 00:00	11/14/25 11:40	Georgia
705-49432-11	WAN-AP1-FB-16	Water	11/13/25 12:05	11/14/25 11:40	Georgia
705-49432-12	WAN-WGWC-35D	Water	11/12/25 16:20	11/14/25 11:40	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. Samson ACC / C. Kramme	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 Quarterly 2	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-2025 11.10

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=comp, G=grab)	Matrix (WC=ground water, WS=surface water, WQ=equality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D_App III Metals: B, Ca	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-31D	11/12/25	1059	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	
WAN-WGWC-33	11/12/25	1100	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	
WAN-WGWC-35S	11/12/25	1413	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	
WAN-API-EB-10	11/12/25	0920	G	WQ		N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	
WAN-WGWC-30	11/13/25	~~1555~~ 1800	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	
WAN-WGWC-36S	11/13/25	1300	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	
WAN-WGWC-37S	11/13/25	1520	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	
WAN-WGWC-38S	11/12/25	~~1515~~	DUG	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	1555 = Sample Time (DS)
WAN-WGWC-39	11/13/25	1112	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	
WAN-API-FD-10	11/13/25	—	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5	
WAN-API-FB-16	11/13/25	1205	G	WQ		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 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]	11/14/25 @ 1000	ACC	[signature]	11-14-25 1000	ACC
Relinquished by: [signature]	Date/Time: 11/14/25 1140	Company ACC	Received by: [signature]	Date/Time: 11/14/25 11:40	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Cooler Temperature(s) °C and Other Remarks: 1.3, 1.2, 2.2, 2.2 #2665

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 ACC C. Kilcrease	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:	Analysis Requested		Preservation Codes:
City: Atlanta	TAT Requested (days):			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)
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70504536			Other:
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004 / PO Line #1			Task_Code: WAN-CCR-OTH-2025 11 12
Project Name: Plant Wansley Ash Pond Quarterly 2	Project #:			
Site:	SSOW#:			Special Instructions/Note:

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=comp, G=grab)	Matrix (W=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:			N	I	I	D	D	D	D	D	D	D	
WAN- WGWC-35D	11/12/25	1620	G	WG		N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										
WAN-			G			N										

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	11/14/25 @ 1000	ACC	[signature]	11-14-25 1000	ACC
[signature]	11-14-25 1149	ACC	[signature]	11/14/25 11140	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Cooler Temperature(s) °C and Other Remarks: 1.3, 1.2, 2.2, 2.2 #2665

Ver: 01/16/2019

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: 705-83458.1
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 #: 705-49432-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 11/26/2025			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

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-31D (705-49432-1)	11/12/25	10:59 Eastern	G	Water			X	X	X	2	
WAN-WGWC-33 (705-49432-2)	11/12/25	11:00 Eastern	G	Water			X	X	X	2	
WAN-WGWC-35S (705-49432-3)	11/12/25	14:13 Eastern	G	Water			X	X	X	2	
WAN-AP1-EB-10 (705-49432-4)	11/12/25	09:20 Eastern	G	Water			X	X	X	2	
WAN-WGWC-30 (705-49432-5)	11/13/25	18:00 Eastern	G	Water			X	X	X	2	
WAN-WGWC-36S (705-49432-6)	11/13/25	13:00 Eastern	G	Water			X	X	X	2	
WAN-WGWC-37S (705-49432-7)	11/13/25	15:20 Eastern	G	Water			X	X	X	2	
WAN-WGWC-38S (705-49432-8)	11/13/25	15:15 Eastern	G	Water			X	X	X	2	
WAN-WGWC-39 (705-49432-9)	11/13/25	11:12 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
TCM	11/14/25 1700			0820 NOV 17 2025	
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:

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: 705-83458.2
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 #: 705-49432-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 11/26/2025			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

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-FD-10 (705-49432-10)	11/13/25	Eastern	G	Water			X	X	X	2	
WAN-AP1-FB-16 (705-49432-11)	11/13/25	12:05 Eastern	G	Water			X	X	X	2	
WAN-WGWC-35D (705-49432-12)	11/12/25	16:20 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: 11/14/25	Company	Received by:	Date/Time: 0820 NOV 17 2025	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:

1/9/2026

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-49432-2

Login Number: 49432

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: 705-49432-2

Login Number: 49432
List Number: 2
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 11/17/25 01:07 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.	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
Job ID: 705-49432-2
Project/Site: Plant Wansley Ash Pond Quarterly 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
705-49432-2

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 11/14/2025 11:40 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 1.2°C, 1.3°C, 2.2°C and 2.2°C.

Gas Flow Proportional Counter
Method 9315_Ra226: Radium 226 Prep Batch 160-750074: Insufficient sample volume was available to perform a sample duplicate for the following samples: WAN-AP1-FD-10 (705-49432-10). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method 9320_Ra228: Radium-228 batch 746737: The LCS recovered at (139%). 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 160-746735/2-A)

Method 9320_Ra228: Radium-228 batch 746737: 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-31D (705-49432-1). Analytical results are reported with the detection limit achieved.

Method 9320_Ra228: Radium 228 Prep Batch 160-750075: Insufficient sample volume was available to perform a sample duplicate for the following samples: WAN-AP1-FD-10 (705-49432-10). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method 9320_Ra228: Radium-228 batch 747095: 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 160-747095/2-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.

Detection Summary

Client: Southern Company
Job ID: 705-49432-2
Project/Site: Plant Wansley Ash Pond Quarterly 2

Client Sample ID: WAN-WGWC-31D **Lab Sample ID: 705-49432-1**

No Detections.

Client Sample ID: WAN-WGWC-33 **Lab Sample ID: 705-49432-2**

No Detections.

Client Sample ID: WAN-WGWC-35S **Lab Sample ID: 705-49432-3**

No Detections.

Client Sample ID: WAN-AP1-EB-10 **Lab Sample ID: 705-49432-4**

No Detections.

Client Sample ID: WAN-WGWC-30 **Lab Sample ID: 705-49432-5**

No Detections.

Client Sample ID: WAN-WGWC-36S **Lab Sample ID: 705-49432-6**

No Detections.

Client Sample ID: WAN-WGWC-37S **Lab Sample ID: 705-49432-7**

No Detections.

Client Sample ID: WAN-WGWC-38S **Lab Sample ID: 705-49432-8**

No Detections.

Client Sample ID: WAN-WGWC-39 **Lab Sample ID: 705-49432-9**

No Detections.

Client Sample ID: WAN-AP1-FD-10 **Lab Sample ID: 705-49432-10**

No Detections.

Client Sample ID: WAN-AP1-FB-16 **Lab Sample ID: 705-49432-11**

No Detections.

Client Sample ID: WAN-WGWC-35D **Lab Sample ID: 705-49432-12**

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: WAN-WGWC-31D
Lab Sample ID: 705-49432-1

Date Collected: 11/12/25 10:59
Matrix: Water
Date Received: 11/14/25 11:40

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.298	U	0.462	0.463	1.00	0.790	pCi/L	11/24/25 08:20	12/18/25 09:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.3*		*30 - 110*	*11/24/25 08:20*	*12/18/25 09:35*	*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	**1.32**	**G**	0.835	0.844	1.00	1.23	pCi/L	11/24/25 08:23	12/17/25 11:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.3*		*30 - 110*	*11/24/25 08:23*	*12/17/25 11:53*	*1*
Y Carrier	*80.0*		*30 - 110*	*11/24/25 08:23*	*12/17/25 11:53*	*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	**1.62**		0.954	0.963	5.00	1.23	pCi/L		01/09/26 12:01	1

Client Sample ID: WAN-WGWC-33
Lab Sample ID: 705-49432-2

Date Collected: 11/12/25 11:00
Matrix: Water
Date Received: 11/14/25 11:40

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**5.28**		0.640	0.797	1.00	0.271	pCi/L	11/24/25 08:20	12/18/25 09:28	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.8*		*30 - 110*	*11/24/25 08:20*	*12/18/25 09:28*	*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**		1.26	1.84	1.00	0.750	pCi/L	11/24/25 08:23	12/17/25 11:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.8*		*30 - 110*	*11/24/25 08:23*	*12/17/25 11:53*	*1*
Y Carrier	*80.4*		*30 - 110*	*11/24/25 08:23*	*12/17/25 11:53*	*1*

Client Sample ID: WAN-WGWC-33
Lab Sample ID: 705-49432-2
Date Collected: 11/12/25 11:00
Matrix: Water
Date Received: 11/14/25 11:40

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	19.8		1.41	2.01	5.00	0.750	pCi/L		01/09/26 12:01	1

Client Sample ID: WAN-WGWC-35S
Lab Sample ID: 705-49432-3
Date Collected: 11/12/25 14:13
Matrix: Water
Date Received: 11/14/25 11:40

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0285	U	0.191	0.191	1.00	0.361	pCi/L	11/24/25 08:20	12/18/25 09:28	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.7*		*30 - 110*	*11/24/25 08:20*	*12/18/25 09:28*	*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	0.422	U	0.483	0.485	1.00	0.794	pCi/L	11/24/25 08:23	12/17/25 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.7*		*30 - 110*	*11/24/25 08:23*	*12/17/25 11:48*	*1*
Y Carrier	*80.7*		*30 - 110*	*11/24/25 08:23*	*12/17/25 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	0.451	U	0.519	0.521	5.00	0.794	pCi/L		01/09/26 12:01	1

Client Sample ID: WAN-AP1-EB-10
Lab Sample ID: 705-49432-4
Date Collected: 11/12/25 09:20
Matrix: Water
Date Received: 11/14/25 11:40

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.00372	U	0.161	0.161	1.00	0.322	pCi/L	11/24/25 08:20	12/18/25 09:28	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.0*		*30 - 110*	*11/24/25 08:20*	*12/18/25 09:28*	*1*

Client Sample ID: WAN-AP1-EB-10
Lab Sample ID: 705-49432-4

Date Collected: 11/12/25 09:20
Matrix: Water
Date Received: 11/14/25 11:40

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.660	U	0.455	0.459	1.00	0.690	pCi/L	11/24/25 08:23	12/17/25 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.0*		*30 - 110*	*11/24/25 08:23*	*12/17/25 11:48*	*1*
Y Carrier	*83.4*		*30 - 110*	*11/24/25 08:23*	*12/17/25 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	0.657	U	0.483	0.486	5.00	0.690	pCi/L		01/09/26 12:01	1

Client Sample ID: WAN-WGWC-30
Lab Sample ID: 705-49432-5

Date Collected: 11/13/25 18:00
Matrix: Water
Date Received: 11/14/25 11:40

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.289**		0.175	0.177	1.00	0.225	pCi/L	11/24/25 08:20	12/18/25 09:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.8*		*30 - 110*	*11/24/25 08:20*	*12/18/25 09:29*	*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	**0.863**		0.438	0.445	1.00	0.616	pCi/L	11/24/25 08:23	12/17/25 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.8*		*30 - 110*	*11/24/25 08:23*	*12/17/25 11:48*	*1*
Y Carrier	*81.5*		*30 - 110*	*11/24/25 08:23*	*12/17/25 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	**1.15**		0.472	0.479	5.00	0.616	pCi/L		01/09/26 12:01	1

Client Sample ID: WAN-WGWC-36S

Lab Sample ID: 705-49432-6

Date Collected: 11/13/25 13:00

Matrix: Water

Date Received: 11/14/25 11:40

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.228	U	0.183	0.184	1.00	0.268	pCi/L	11/24/25 08:20	12/18/25 09:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.6*		*30 - 110*	*11/24/25 08:20*	*12/18/25 09:29*	*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	0.667	U	0.465	0.469	1.00	0.705	pCi/L	11/24/25 08:23	12/17/25 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.6*		*30 - 110*	*11/24/25 08:23*	*12/17/25 11:48*	*1*
Y Carrier	*80.4*		*30 - 110*	*11/24/25 08:23*	*12/17/25 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	**0.895**		0.500	0.504	5.00	0.705	pCi/L		01/09/26 12:01	1

Client Sample ID: WAN-WGWC-37S

Lab Sample ID: 705-49432-7

Date Collected: 11/13/25 15:20

Matrix: Water

Date Received: 11/14/25 11:40

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**3.60**		0.501	0.597	1.00	0.203	pCi/L	11/24/25 08:20	12/18/25 09:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.2*		*30 - 110*	*11/24/25 08:20*	*12/18/25 09:29*	*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	**5.59**		0.827	0.974	1.00	0.699	pCi/L	11/24/25 08:23	12/17/25 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.2*		*30 - 110*	*11/24/25 08:23*	*12/17/25 11:48*	*1*
Y Carrier	*80.7*		*30 - 110*	*11/24/25 08:23*	*12/17/25 11:48*	*1*

Client Sample ID: WAN-WGWC-37S
Lab Sample ID: 705-49432-7

Date Collected: 11/13/25 15:20
Matrix: Water
Date Received: 11/14/25 11:40

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	9.20		0.967	1.14	5.00	0.699	pCi/L		01/09/26 12:01	1

Client Sample ID: WAN-WGWC-38S
Lab Sample ID: 705-49432-8

Date Collected: 11/12/25 15:55
Matrix: Water
Date Received: 11/14/25 11:40

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.536	U	0.393	0.396	1.00	0.584	pCi/L	11/24/25 08:09	12/17/25 21:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.4*		*30 - 110*	*11/24/25 08:09*	*12/17/25 21:27*	*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	1.23		0.637	0.647	1.00	0.895	pCi/L	11/24/25 08:17	12/17/25 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.4*		*30 - 110*	*11/24/25 08:17*	*12/17/25 12:08*	*1*
Y Carrier	*77.4*		*30 - 110*	*11/24/25 08:17*	*12/17/25 12:08*	*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	1.77		0.748	0.759	5.00	0.895	pCi/L		01/09/26 12:02	1

Client Sample ID: WAN-WGWC-39
Lab Sample ID: 705-49432-9

Date Collected: 11/13/25 11:12
Matrix: Water
Date Received: 11/14/25 11:40

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.499		0.246	0.250	1.00	0.303	pCi/L	11/25/25 08:22	12/18/25 07:44	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.8*		*30 - 110*	*11/25/25 08:22*	*12/18/25 07:44*	*1*

Client Sample ID: WAN-WGWC-39

Lab Sample ID: 705-49432-9

Date Collected: 11/13/25 11:12

Matrix: Water

Date Received: 11/14/25 11:40

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.07		0.574	0.583	1.00	0.808	pCi/L	11/25/25 08:27	12/16/25 12:10	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.8*		*30 - 110*	*11/25/25 08:27*	*12/16/25 12:10*	*1*
Y Carrier	*80.4*		*30 - 110*	*11/25/25 08:27*	*12/16/25 12:10*	*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	1.57		0.624	0.634	5.00	0.808	pCi/L		01/09/26 12:04	1

Client Sample ID: WAN-AP1-FD-10

Lab Sample ID: 705-49432-10

Date Collected: 11/13/25 00:00

Matrix: Water

Date Received: 11/14/25 11:40

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.104		0.0694	0.0701	1.00	0.0940	pCi/L	12/18/25 08:18	01/09/26 07:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.6*		*30 - 110*	*12/18/25 08:18*	*01/09/26 07:34*	*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	0.559	U	0.459	0.461	1.00	0.724	pCi/L	12/18/25 08:19	12/22/25 11:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.6*		*30 - 110*	*12/18/25 08:19*	*12/22/25 11:49*	*1*
Y Carrier	*79.6*		*30 - 110*	*12/18/25 08:19*	*12/22/25 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	0.663	U	0.464	0.466	5.00	0.724	pCi/L		01/09/26 12:01	1

Client Sample ID: WAN-AP1-FB-16
Lab Sample ID: 705-49432-11

Date Collected: 11/13/25 12:05
Matrix: Water
Date Received: 11/14/25 11:40

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.189	U	0.133	0.134	1.00	0.195	pCi/L	11/26/25 08:31	12/22/25 10:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.0*		*30 - 110*	*11/26/25 08:31*	*12/22/25 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	**0.912**		0.452	0.459	1.00	0.636	pCi/L	11/26/25 08:34	12/18/25 11:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.0*		*30 - 110*	*11/26/25 08:34*	*12/18/25 11:54*	*1*
Y Carrier	*80.7*		*30 - 110*	*11/26/25 08:34*	*12/18/25 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	**1.10**		0.471	0.478	5.00	0.636	pCi/L		01/09/26 12:03	1

Client Sample ID: WAN-WGWC-35D
Lab Sample ID: 705-49432-12

Date Collected: 11/12/25 16:20
Matrix: Water
Date Received: 11/14/25 11:40

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.622**		0.202	0.209	1.00	0.179	pCi/L	11/26/25 08:31	12/22/25 10:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*61.3*		*30 - 110*	*11/26/25 08:31*	*12/22/25 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	0.544	U	0.519	0.522	1.00	0.827	pCi/L	11/26/25 08:34	12/18/25 11:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*61.3*		*30 - 110*	*11/26/25 08:34*	*12/18/25 11:55*	*1*
Y Carrier	*74.0*		*30 - 110*	*11/26/25 08:34*	*12/18/25 11:55*	*1*

Client: Southern Company
Job ID: 705-49432-2
Project/Site: Plant Wansley Ash Pond Quarterly 2

Client Sample ID: WAN-WGWC-35D
Lab Sample ID: 705-49432-12
Date Collected: 11/12/25 16:20
Matrix: Water
Date Received: 11/14/25 11:40

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	1.17		0.557	0.562	5.00	0.827	pCi/L		01/09/26 12:03	1

Tracer/Carrier Summary

Client: Southern Company
Job ID: 705-49432-2
Project/Site: Plant Wansley Ash Pond Quarterly 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)
180-198559-B-6-A DU	Duplicate	89.1
400-286074-B-1-A DU	Duplicate	85.4
670-74675-A-7-A DU	Duplicate	85.7
705-49432-1	WAN-WGWC-31D	77.3
705-49432-2	WAN-WGWC-33	79.8
705-49432-3	WAN-WGWC-35S	78.7
705-49432-4	WAN-AP1-EB-10	79.0
705-49432-5	WAN-WGWC-30	88.8
705-49432-6	WAN-WGWC-36S	79.6
705-49432-7	WAN-WGWC-37S	88.2
705-49432-8	WAN-WGWC-38S	80.4
705-49432-9	WAN-WGWC-39	83.8
705-49432-10	WAN-AP1-FD-10	86.6
705-49432-11	WAN-AP1-FB-16	86.0
705-49432-11 DU	WAN-AP1-FB-16	73.9
705-49432-12	WAN-WGWC-35D	61.3
LCS 160-746734/2-A	Lab Control Sample	86.6
LCS 160-746736/2-A	Lab Control Sample	90.8
LCS 160-746921/2-A	Lab Control Sample	88.8
LCS 160-747093/2-A	Lab Control Sample	80.4
LCS 160-750074/2-A	Lab Control Sample	86.8
LCSD 160-750074/3-A	Lab Control Sample Dup	81.0
MB 160-746734/1-A	Method Blank	88.8
MB 160-746736/1-A	Method Blank	90.5
MB 160-746921/1-A	Method Blank	89.4
MB 160-747093/1-A	Method Blank	88.0
MB 160-750074/1-A	Method Blank	80.4

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)
180-198559-B-6-B DU	Duplicate	89.1	78.5
400-286074-B-1-B DU	Duplicate	85.4	82.2
670-74675-A-7-B DU	Duplicate	85.7	77.4
705-49432-1	WAN-WGWC-31D	77.3	80.0
705-49432-2	WAN-WGWC-33	79.8	80.4
705-49432-3	WAN-WGWC-35S	78.7	80.7
705-49432-4	WAN-AP1-EB-10	79.0	83.4
705-49432-5	WAN-WGWC-30	88.8	81.5
705-49432-6	WAN-WGWC-36S	79.6	80.4
705-49432-7	WAN-WGWC-37S	88.2	80.7
705-49432-8	WAN-WGWC-38S	80.4	77.4
705-49432-9	WAN-WGWC-39	83.8	80.4
705-49432-10	WAN-AP1-FD-10	86.6	79.6

Tracer/Carrier Summary

Client: Southern Company
Job ID: 705-49432-2
Project/Site: Plant Wansley Ash Pond Quarterly 2

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)								
705-49432-11	WAN-AP1-FB-16	86.0	80.7								
705-49432-11 DU	WAN-AP1-FB-16	73.9	78.5								
705-49432-12	WAN-WGWC-35D	61.3	74.0								
LCS 160-746735/2-A	Lab Control Sample	86.6	82.2								
LCS 160-746737/2-A	Lab Control Sample	90.8	80.7								
LCS 160-746922/2-A	Lab Control Sample	88.8	81.5								
LCS 160-747095/2-A	Lab Control Sample	80.4	74.0								
LCS 160-750075/2-A	Lab Control Sample	86.8	79.3								
LCSD 160-750075/3-A	Lab Control Sample Dup	81.0	80.4								
MB 160-746735/1-A	Method Blank	88.8	81.1								
MB 160-746737/1-A	Method Blank	90.5	83.0								
MB 160-746922/1-A	Method Blank	89.4	84.1								
MB 160-747095/1-A	Method Blank	88.0	78.9								
MB 160-750075/1-A	Method Blank	80.4	83.0								

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Method Summary

Client: Southern Company
Job ID: 705-49432-2
Project/Site: Plant Wansley Ash Pond Quarterly 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

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-746734/1-A
Matrix: Water
Analysis Batch: 749898

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 746734

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.1459	U	0.186	0.186	1.00	0.426	pCi/L	11/24/25 08:09	12/17/25 16:31	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.8*		*30 - 110*	*11/24/25 08:09*	*12/17/25 16:31*	*1*

Lab Sample ID: LCS 160-746734/2-A
Matrix: Water
Analysis Batch: 749904

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 746734

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	8.235		1.16	1.00	0.376	pCi/L	86	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*86.6*		*30 - 110*

Lab Sample ID: 180-198559-B-6-A DU
Matrix: Water
Analysis Batch: 749904

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 746734

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.365	U		0.1402	U	0.208	1.00	0.354	pCi/L			0.48	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*89.1*		*30 - 110*

Lab Sample ID: MB 160-746736/1-A
Matrix: Water
Analysis Batch: 750117

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 746736

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1711	U	0.206	0.207	1.00	0.340	pCi/L	11/24/25 08:20	12/18/25 07:45	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.5*		*30 - 110*	*11/24/25 08:20*	*12/18/25 07:45*	*1*

Lab Sample ID: LCS 160-746736/2-A
Matrix: Water
Analysis Batch: 750117

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 746736

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	8.968		1.16	1.00	0.355	pCi/L	94	75 - 125		

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-746736/2-A
Matrix: Water
Analysis Batch: 750117

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 746736

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	90.8		30 - 110

Lab Sample ID: 670-74675-A-7-A DU
Matrix: Water
Analysis Batch: 750117

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 746736

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.309			0.1083	U	0.165	1.00	0.282	pCi/L			0.55	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	85.7		30 - 110

Lab Sample ID: MB 160-746921/1-A
Matrix: Water
Analysis Batch: 749904

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 746921

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1689	U	0.204	0.204	1.00	0.336	pCi/L	11/25/25 08:22	12/17/25 09:41	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	89.4		30 - 110	11/25/25 08:22	12/17/25 09:41	1

Lab Sample ID: LCS 160-746921/2-A
Matrix: Water
Analysis Batch: 749904

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 746921

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	10.51		1.31	1.00	0.354	pCi/L	110	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	88.8		30 - 110

Lab Sample ID: 400-286074-B-1-A DU
Matrix: Water
Analysis Batch: 750117

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 746921

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.0263	U		0.1486	U	0.148	1.00	0.231	pCi/L			0.43	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	85.4		30 - 110

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: MB 160-747093/1-A
Matrix: Water
Analysis Batch: 750698

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 747093

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.08529	U	0.0880	0.0883	1.00	0.209	pCi/L	11/26/25 08:31	12/22/25 08:15	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.0*		*30 - 110*	*11/26/25 08:31*	*12/22/25 08:15*	*1*

Lab Sample ID: LCS 160-747093/2-A
Matrix: Water
Analysis Batch: 750692

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 747093

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	10.67		1.18	1.00	0.158	pCi/L	111	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*80.4*		*30 - 110*

Lab Sample ID: 705-49432-11 DU
Matrix: Water
Analysis Batch: 750692

Client Sample ID: WAN-AP1-FB-16
Prep Type: Total/NA
Prep Batch: 747093

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.189	U		0.1124	U	0.123	1.00	0.198	pCi/L			0.30	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*73.9*		*30 - 110*

Lab Sample ID: MB 160-750074/1-A
Matrix: Water
Analysis Batch: 753104

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 750074

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0007254	U	0.0527	0.0527	1.00	0.108	pCi/L	12/18/25 08:18	01/09/26 07:34	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.4*		*30 - 110*	*12/18/25 08:18*	*01/09/26 07:34*	*1*

Lab Sample ID: LCS 160-750074/2-A
Matrix: Water
Analysis Batch: 753104

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 750074

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	8.986		0.949	1.00	0.104	pCi/L	94	75 - 125		

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-750074/2-A
Matrix: Water
Analysis Batch: 753104

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 750074

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	86.8		30 - 110

Lab Sample ID: LCSD 160-750074/3-A
Matrix: Water
Analysis Batch: 753104

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 750074

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226			9.57	9.103		0.966	1.00	0.103	pCi/L	95	75 - 125	0.06	1

Carrier	LCSD %Yield	LCSD Qualifier	Limits
Ba Carrier	81.0		30 - 110

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-746735/1-A
Matrix: Water
Analysis Batch: 749961

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 746735

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3927	U	0.409	0.411	1.00	0.664	pCi/L	11/24/25 08:17	12/17/25 11:51	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110	11/24/25 08:17	12/17/25 11:51	1
Y Carrier	81.1		30 - 110	11/24/25 08:17	12/17/25 11:51	1

Lab Sample ID: LCS 160-746735/2-A
Matrix: Water
Analysis Batch: 749961

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 746735

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			7.85	10.91		1.50	1.00	0.701	pCi/L	139	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	86.6		30 - 110
Y Carrier	82.2		30 - 110

Lab Sample ID: 180-198559-B-6-B DU
Matrix: Water
Analysis Batch: 749961

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 746735

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.522	U		0.5409	U	0.432	1.00	0.667	pCi/L			0.02	1

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

Lab Sample ID: 180-198559-B-6-B DU
Matrix: Water
Analysis Batch: 749961

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 746735

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	89.1		30 - 110
Y Carrier	78.5		30 - 110

Lab Sample ID: MB 160-746737/1-A
Matrix: Water
Analysis Batch: 749904

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 746737

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.4424	U	0.344	0.346	1.00	0.531	pCi/L	11/24/25 08:23	12/17/25 11:51	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	90.5		30 - 110	11/24/25 08:23	12/17/25 11:51	1
Y Carrier	83.0		30 - 110	11/24/25 08:23	12/17/25 11:51	1

Lab Sample ID: LCS 160-746737/2-A
Matrix: Water
Analysis Batch: 749904

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 746737

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			7.85	8.197		1.16	1.00	0.507	pCi/L	104	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	90.8		30 - 110
Y Carrier	80.7		30 - 110

Lab Sample ID: 670-74675-A-7-B DU
Matrix: Water
Analysis Batch: 749904

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 746737

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.179	U		0.01463	U	0.376	1.00	0.688	pCi/L			0.23	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	85.7		30 - 110
Y Carrier	77.4		30 - 110

Lab Sample ID: MB 160-746922/1-A
Matrix: Water
Analysis Batch: 749659

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 746922

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.7019		0.430	0.435	1.00	0.634	pCi/L	11/25/25 08:27	12/16/25 12:05	1

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

Lab Sample ID: MB 160-746922/1-A
Matrix: Water
Analysis Batch: 749659

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 746922

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	89.4		30 - 110	11/25/25 08:27	12/16/25 12:05	1
Y Carrier	84.1		30 - 110	11/25/25 08:27	12/16/25 12:05	1

Lab Sample ID: LCS 160-746922/2-A
Matrix: Water
Analysis Batch: 749659

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 746922

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			7.85	8.315		1.25	1.00	0.651	pCi/L	106	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	88.8		30 - 110
Y Carrier	81.5		30 - 110

Lab Sample ID: 400-286074-B-1-B DU
Matrix: Water
Analysis Batch: 749683

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 746922

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.558	U		0.7322		0.399	1.00	0.547	pCi/L			0.19	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	85.4		30 - 110
Y Carrier	82.2		30 - 110

Lab Sample ID: MB 160-747095/1-A
Matrix: Water
Analysis Batch: 750064

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 747095

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.5203	U	0.426	0.429	1.00	0.665	pCi/L	11/26/25 08:34	12/18/25 11:51	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	88.0		30 - 110	11/26/25 08:34	12/18/25 11:51	1
Y Carrier	78.9		30 - 110	11/26/25 08:34	12/18/25 11:51	1

Lab Sample ID: LCS 160-747095/2-A
Matrix: Water
Analysis Batch: 750064

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 747095

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			7.84	10.76		1.57	1.00	0.786	pCi/L	137	75 - 125		

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

Lab Sample ID: LCS 160-747095/2-A
Matrix: Water
Analysis Batch: 750064

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 747095

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	80.4		30 - 110
Y Carrier	74.0		30 - 110

Lab Sample ID: 705-49432-11 DU
Matrix: Water
Analysis Batch: 750093

Client Sample ID: WAN-AP1-FB-16
Prep Type: Total/NA
Prep Batch: 747095

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.912			0.6821		0.440	1.00	0.636	pCi/L			0.26	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	73.9		30 - 110
Y Carrier	78.5		30 - 110

Lab Sample ID: MB 160-750075/1-A
Matrix: Water
Analysis Batch: 750698

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 750075

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2649	U	0.346	0.347	1.00	0.577	pCi/L	12/18/25 08:19	12/22/25 11:48	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	80.4		30 - 110	12/18/25 08:19	12/22/25 11:48	1
Y Carrier	83.0		30 - 110	12/18/25 08:19	12/22/25 11:48	1

Lab Sample ID: LCS 160-750075/2-A
Matrix: Water
Analysis Batch: 750698

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 750075

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			7.83	8.741		1.25	1.00	0.581	pCi/L	112	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	86.8		30 - 110
Y Carrier	79.3		30 - 110

Lab Sample ID: LCSD 160-750075/3-A
Matrix: Water
Analysis Batch: 750698

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 750075

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228			7.83	8.540		1.26	1.00	0.592	pCi/L	109	75 - 125	0.08	1

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

Lab Sample ID: LCSD 160-750075/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 750698
Prep Batch: 750075

Carrier	LCSD %Yield	LCSD Qualifier	Limits
Ba Carrier	81.0		30 - 110
Y Carrier	80.4		30 - 110

Rad

Prep Batch: 746734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49432-8	WAN-WGWC-38S	Total/NA	Water	PrecSep-21	
MB 160-746734/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-746734/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
180-198559-B-6-A DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 746735

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49432-8	WAN-WGWC-38S	Total/NA	Water	PrecSep_0	
MB 160-746735/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-746735/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
180-198559-B-6-B DU	Duplicate	Total/NA	Water	PrecSep_0	

Prep Batch: 746736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49432-1	WAN-WGWC-31D	Total/NA	Water	PrecSep-21	
705-49432-2	WAN-WGWC-33	Total/NA	Water	PrecSep-21	
705-49432-3	WAN-WGWC-35S	Total/NA	Water	PrecSep-21	
705-49432-4	WAN-AP1-EB-10	Total/NA	Water	PrecSep-21	
705-49432-5	WAN-WGWC-30	Total/NA	Water	PrecSep-21	
705-49432-6	WAN-WGWC-36S	Total/NA	Water	PrecSep-21	
705-49432-7	WAN-WGWC-37S	Total/NA	Water	PrecSep-21	
MB 160-746736/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-746736/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
670-74675-A-7-A DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 746737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49432-1	WAN-WGWC-31D	Total/NA	Water	PrecSep_0	
705-49432-2	WAN-WGWC-33	Total/NA	Water	PrecSep_0	
705-49432-3	WAN-WGWC-35S	Total/NA	Water	PrecSep_0	
705-49432-4	WAN-AP1-EB-10	Total/NA	Water	PrecSep_0	
705-49432-5	WAN-WGWC-30	Total/NA	Water	PrecSep_0	
705-49432-6	WAN-WGWC-36S	Total/NA	Water	PrecSep_0	
705-49432-7	WAN-WGWC-37S	Total/NA	Water	PrecSep_0	
MB 160-746737/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-746737/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
670-74675-A-7-B DU	Duplicate	Total/NA	Water	PrecSep_0	

Prep Batch: 746921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49432-9	WAN-WGWC-39	Total/NA	Water	PrecSep-21	
MB 160-746921/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-746921/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
400-286074-B-1-A DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 746922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49432-9	WAN-WGWC-39	Total/NA	Water	PrecSep_0	
MB 160-746922/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-746922/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
400-286074-B-1-B DU	Duplicate	Total/NA	Water	PrecSep_0	

QC Association Summary

Client: Southern Company
Job ID: 705-49432-2
Project/Site: Plant Wansley Ash Pond Quarterly 2

Rad

Prep Batch: 747093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49432-11	WAN-AP1-FB-16	Total/NA	Water	PrecSep-21	
705-49432-12	WAN-WGWC-35D	Total/NA	Water	PrecSep-21	
MB 160-747093/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-747093/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
705-49432-11 DU	WAN-AP1-FB-16	Total/NA	Water	PrecSep-21	

Prep Batch: 747095

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49432-11	WAN-AP1-FB-16	Total/NA	Water	PrecSep_0	
705-49432-12	WAN-WGWC-35D	Total/NA	Water	PrecSep_0	
MB 160-747095/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-747095/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
705-49432-11 DU	WAN-AP1-FB-16	Total/NA	Water	PrecSep_0	

Prep Batch: 750074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49432-10	WAN-AP1-FD-10	Total/NA	Water	PrecSep-21	
MB 160-750074/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-750074/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-750074/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 750075

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49432-10	WAN-AP1-FD-10	Total/NA	Water	PrecSep_0	
MB 160-750075/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-750075/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-750075/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: Southern Company
Job ID: 705-49432-2
Project/Site: Plant Wansley Ash Pond Quarterly 2

Client Sample ID: WAN-WGWC-31D
Lab Sample ID: 705-49432-1
Date Collected: 11/12/25 10:59
Matrix: Water
Date Received: 11/14/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			746736	AMS	EET SL	11/24/25 08:20
Total/NA	Analysis	9315		1	750117	SWS	EET SL	12/18/25 09:35
Total/NA	Prep	PrecSep_0			746737	AMS	EET SL	11/24/25 08:23
Total/NA	Analysis	9320		1	749904	MLK	EET SL	12/17/25 11:53
Total/NA	Analysis	Ra226_Ra228		1	753120	SCB	EET SL	01/09/26 12:01

Client Sample ID: WAN-WGWC-33
Lab Sample ID: 705-49432-2
Date Collected: 11/12/25 11:00
Matrix: Water
Date Received: 11/14/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			746736	AMS	EET SL	11/24/25 08:20
Total/NA	Analysis	9315		1	750093	SWS	EET SL	12/18/25 09:28
Total/NA	Prep	PrecSep_0			746737	AMS	EET SL	11/24/25 08:23
Total/NA	Analysis	9320		1	749904	MLK	EET SL	12/17/25 11:53
Total/NA	Analysis	Ra226_Ra228		1	753120	SCB	EET SL	01/09/26 12:01

Client Sample ID: WAN-WGWC-35S
Lab Sample ID: 705-49432-3
Date Collected: 11/12/25 14:13
Matrix: Water
Date Received: 11/14/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			746736	AMS	EET SL	11/24/25 08:20
Total/NA	Analysis	9315		1	750093	SWS	EET SL	12/18/25 09:28
Total/NA	Prep	PrecSep_0			746737	AMS	EET SL	11/24/25 08:23
Total/NA	Analysis	9320		1	749927	FLC	EET SL	12/17/25 11:48
Total/NA	Analysis	Ra226_Ra228		1	753120	SCB	EET SL	01/09/26 12:01

Client Sample ID: WAN-AP1-EB-10
Lab Sample ID: 705-49432-4
Date Collected: 11/12/25 09:20
Matrix: Water
Date Received: 11/14/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			746736	AMS	EET SL	11/24/25 08:20
Total/NA	Analysis	9315		1	750093	SWS	EET SL	12/18/25 09:28
Total/NA	Prep	PrecSep_0			746737	AMS	EET SL	11/24/25 08:23
Total/NA	Analysis	9320		1	749927	FLC	EET SL	12/17/25 11:48
Total/NA	Analysis	Ra226_Ra228		1	753120	SCB	EET SL	01/09/26 12:01

Lab Chronicle

Client: Southern Company
Job ID: 705-49432-2
Project/Site: Plant Wansley Ash Pond Quarterly 2

Client Sample ID: WAN-WGWC-30
Lab Sample ID: 705-49432-5
Date Collected: 11/13/25 18:00
Matrix: Water
Date Received: 11/14/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			746736	AMS	EET SL	11/24/25 08:20
Total/NA	Analysis	9315		1	750093	SWS	EET SL	12/18/25 09:29
Total/NA	Prep	PrecSep_0			746737	AMS	EET SL	11/24/25 08:23
Total/NA	Analysis	9320		1	749927	FLC	EET SL	12/17/25 11:48
Total/NA	Analysis	Ra226_Ra228		1	753120	SCB	EET SL	01/09/26 12:01

Client Sample ID: WAN-WGWC-36S
Lab Sample ID: 705-49432-6
Date Collected: 11/13/25 13:00
Matrix: Water
Date Received: 11/14/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			746736	AMS	EET SL	11/24/25 08:20
Total/NA	Analysis	9315		1	750093	SWS	EET SL	12/18/25 09:29
Total/NA	Prep	PrecSep_0			746737	AMS	EET SL	11/24/25 08:23
Total/NA	Analysis	9320		1	749927	FLC	EET SL	12/17/25 11:48
Total/NA	Analysis	Ra226_Ra228		1	753120	SCB	EET SL	01/09/26 12:01

Client Sample ID: WAN-WGWC-37S
Lab Sample ID: 705-49432-7
Date Collected: 11/13/25 15:20
Matrix: Water
Date Received: 11/14/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			746736	AMS	EET SL	11/24/25 08:20
Total/NA	Analysis	9315		1	750093	SWS	EET SL	12/18/25 09:29
Total/NA	Prep	PrecSep_0			746737	AMS	EET SL	11/24/25 08:23
Total/NA	Analysis	9320		1	749927	FLC	EET SL	12/17/25 11:48
Total/NA	Analysis	Ra226_Ra228		1	753120	SCB	EET SL	01/09/26 12:01

Client Sample ID: WAN-WGWC-38S
Lab Sample ID: 705-49432-8
Date Collected: 11/12/25 15:55
Matrix: Water
Date Received: 11/14/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			746734	AMS	EET SL	11/24/25 08:09
Total/NA	Analysis	9315		1	749904	MLK	EET SL	12/17/25 21:27
Total/NA	Prep	PrecSep_0			746735	AMS	EET SL	11/24/25 08:17
Total/NA	Analysis	9320		1	749904	MLK	EET SL	12/17/25 12:08
Total/NA	Analysis	Ra226_Ra228		1	753121	SCB	EET SL	01/09/26 12:02

Lab Chronicle

Client: Southern Company
Job ID: 705-49432-2
Project/Site: Plant Wansley Ash Pond Quarterly 2

Client Sample ID: WAN-WGWC-39
Lab Sample ID: 705-49432-9
Date Collected: 11/13/25 11:12
Matrix: Water
Date Received: 11/14/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			746921	VLQ	EET SL	11/25/25 08:22
Total/NA	Analysis	9315		1	750117	SWS	EET SL	12/18/25 07:44
Total/NA	Prep	PrecSep_0			746922	VLQ	EET SL	11/25/25 08:27
Total/NA	Analysis	9320		1	749683	SWS	EET SL	12/16/25 12:10
Total/NA	Analysis	Ra226_Ra228		1	753123	SCB	EET SL	01/09/26 12:04

Client Sample ID: WAN-AP1-FD-10
Lab Sample ID: 705-49432-10
Date Collected: 11/13/25 00:00
Matrix: Water
Date Received: 11/14/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			750074	VLQ	EET SL	12/18/25 08:18
Total/NA	Analysis	9315		1	753104	SCB	EET SL	01/09/26 07:34
Total/NA	Prep	PrecSep_0			750075	VLQ	EET SL	12/18/25 08:19
Total/NA	Analysis	9320		1	750698	FLC	EET SL	12/22/25 11:49
Total/NA	Analysis	Ra226_Ra228		1	753119	SCB	EET SL	01/09/26 12:01

Client Sample ID: WAN-AP1-FB-16
Lab Sample ID: 705-49432-11
Date Collected: 11/13/25 12:05
Matrix: Water
Date Received: 11/14/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			747093	VLQ	EET SL	11/26/25 08:31
Total/NA	Analysis	9315		1	750692	FLC	EET SL	12/22/25 10:02
Total/NA	Prep	PrecSep_0			747095	VLQ	EET SL	11/26/25 08:34
Total/NA	Analysis	9320		1	750093	SWS	EET SL	12/18/25 11:54
Total/NA	Analysis	Ra226_Ra228		1	753122	SCB	EET SL	01/09/26 12:03

Client Sample ID: WAN-WGWC-35D
Lab Sample ID: 705-49432-12
Date Collected: 11/12/25 16:20
Matrix: Water
Date Received: 11/14/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			747093	VLQ	EET SL	11/26/25 08:31
Total/NA	Analysis	9315		1	750692	FLC	EET SL	12/22/25 10:02
Total/NA	Prep	PrecSep_0			747095	VLQ	EET SL	11/26/25 08:34
Total/NA	Analysis	9320		1	750093	SWS	EET SL	12/18/25 11:55
Total/NA	Analysis	Ra226_Ra228		1	753122	SCB	EET SL	01/09/26 12:03

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: 705-49432-2
Project/Site: Plant Wansley Ash Pond Quarterly 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 12/3/2025 10:25:35 AM

JOB DESCRIPTION

Plant Wansley Ash Pond Resample

JOB NUMBER

705-49427-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Job Notes

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

Authorization



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12/3/2025 10:25:35 AM

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

Sample Summary

Client: Southern Company
Job ID: 705-49427-1
Project/Site: Plant Wansley Ash Pond Resample

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-49427-1	WAN-WGWC-28D	Water	11/13/25 15:33	11/14/25 11:40	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. Schnsen ACC C. Klamke	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 1
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:	Analysis Requested		Preservation Codes:
City: Atlanta	TAT Requested (days):			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:
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 Resample	Project #:			Task_Code: WAN-CCR-ASSMT-2025S2R2
Site:	SSOW#:			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	6010D - Lithium	Major Ions - Carbonate, Bicarbonate, Total Alkalinity	Major Ions - Sulfide	Major Ions - Iron, Magnesium, Manganese, Potassium, Sodium	Total Number of containers
			Preservation Code:				I	I	D	D	I	B, C	D	
WAN-WGWC-28D	11/13/25	1533	G	WG		N	X	X	X	X	X	X	X	4

705-49427 COC

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ 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
	11/14/25 @ 1000	ACC		11-14-25 1000	ACC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	11-14-25 1140	ACC		11/14/25 11:40	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.3, 1.2, 2.2, 2.2 # 2665

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-49427-1

Login Number: 49427

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	

Client: Southern Company
Job ID: 705-49427-1
Project/Site: Plant Wansley Ash Pond Resample

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD 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.
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.

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
705-49427-1

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 11/14/2025 11:40 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 1.2°C, 1.3°C, 2.2°C and 2.2°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-28D (705-49427-1). Elevated reporting limits (RLs) are provided.

Method 6020B - Total Recoverable: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 705-95725 and analytical batch 705-96413 recovered outside control limits for the following analytes: Iron. These analytes were biased high in the LCS and were not detected above the reporting limit in the associated samples; therefore, the data have been reported.

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

General Chemistry
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-28D (705-49427-1).

Method SM4500_S2_F: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 705-95612 and analytical batch 705-95625 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 Resample

Job ID: 705-49427-1

Client Sample ID: WAN-WGWC-28D

Lab Sample ID: 705-49427-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	600		20	20	mg/L	20		300.0	Total/NA
Fluoride	4.4		4.0	1.6	mg/L	20		300.0	Total/NA
Sulfate	670		20	15	mg/L	20		300.0	Total/NA
Boron	1.6		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	93		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.38		0.020	0.0037	mg/L	1		6010D	Total/NA
Iron	9.1	J *+	20	3.5	mg/L	200		6020B	Total Recoverable
Magnesium	43		20	3.3	mg/L	200		6020B	Total Recoverable
Manganese	4.2		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	140		20	8.7	mg/L	200		6020B	Total Recoverable
Sodium	310		100	49	mg/L	200		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	1800		20	20	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

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

Job ID: 705-49427-1

Client Sample ID: WAN-WGWC-28D

Date Collected: 11/13/25 15:33
Date Received: 11/14/25 11:40

Lab Sample ID: 705-49427-1

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	600		20	20	mg/L			11/26/25 16:36	20
Fluoride	4.4		4.0	1.6	mg/L			11/26/25 16:36	20
Sulfate	670		20	15	mg/L			11/26/25 16:36	20

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	1.6		0.080	0.026	mg/L		11/18/25 16:43	11/20/25 14:38	1
Calcium	93		0.10	0.038	mg/L		11/18/25 16:43	11/20/25 14:38	1
Lithium	0.38		0.020	0.0037	mg/L		11/18/25 16:43	11/25/25 13:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	9.1	J *+	20	3.5	mg/L		11/17/25 11:59	11/18/25 19:44	200
Magnesium	43		20	3.3	mg/L		11/17/25 11:59	11/18/25 19:44	200
Manganese	4.2		0.0050	0.0013	mg/L		11/17/25 11:59	11/18/25 19:16	1
Potassium	140		20	8.7	mg/L		11/17/25 11:59	11/18/25 19:44	200
Sodium	310		100	49	mg/L		11/17/25 11:59	11/18/25 19:44	200

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			11/26/25 09:55	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	60		3.0	3.0	mg/L			11/26/25 09:55	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			11/26/25 09:55	1
Total Dissolved Solids (SM 2540C - 2015)	1800		20	20	mg/L			11/19/25 16:30	1
Sulfide (SM 4500 S2 F-2011)	<1.0	F1	1.0	1.0	mg/L		11/16/25 13:53	11/16/25 17:08	1

Method Summary

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

Job ID: 705-49427-1

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
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
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 705-97982/3
Matrix: Water
Analysis Batch: 97982

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			11/26/25 14:07	1
Fluoride	<0.081		0.20	0.081	mg/L			11/26/25 14:07	1
Sulfate	<0.77		1.0	0.77	mg/L			11/26/25 14:07	1

Lab Sample ID: LCS 705-97982/4
Matrix: Water
Analysis Batch: 97982

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	10.7		mg/L		107	90 - 110
Fluoride	5.00	5.34		mg/L		107	90 - 110
Sulfate	25.0	27.0		mg/L		108	90 - 110

Lab Sample ID: 705-50125-A-25 MS
Matrix: Water
Analysis Batch: 97982

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	6.2	F1	10.0	13.9	F1	mg/L		77	90 - 110
Fluoride	0.30	F1 F2	5.00	4.39	F1	mg/L		82	90 - 110
Sulfate	3.8	F1	25.0	23.7	F1	mg/L		80	90 - 110

Lab Sample ID: 705-50125-A-25 MSD
Matrix: Water
Analysis Batch: 97982

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	6.2	F1	10.0	15.7		mg/L		95	90 - 110	12	20
Fluoride	0.30	F1 F2	5.00	5.44	F2	mg/L		103	90 - 110	21	20
Sulfate	3.8	F1	25.0	28.4		mg/L		98	90 - 110	18	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-96137/1-A
Matrix: Water
Analysis Batch: 96710

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 96137

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		11/18/25 16:43	11/20/25 12:23	1
Calcium	<0.038		0.10	0.038	mg/L		11/18/25 16:43	11/20/25 12:23	1

Lab Sample ID: MB 705-96137/1-A
Matrix: Water
Analysis Batch: 97706

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 96137

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0037		0.020	0.0037	mg/L		11/18/25 16:43	11/25/25 12:59	1

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

Lab Sample ID: LCS 705-96137/2-A
Matrix: Water
Analysis Batch: 96710

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 96137

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.902		mg/L		90	80 - 120
Calcium	10.0	9.46		mg/L		95	80 - 120

Lab Sample ID: LCS 705-96137/2-A
Matrix: Water
Analysis Batch: 97706

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 96137

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	1.08		mg/L		108	80 - 120

Lab Sample ID: 752-39231-G-3-B MS
Matrix: Water
Analysis Batch: 96710

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 96137

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026		1.00	0.923		mg/L		92	75 - 125
Calcium	65		10.0	72.1	4	mg/L		75	75 - 125

Lab Sample ID: 752-39231-G-3-B MS
Matrix: Water
Analysis Batch: 97706

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 96137

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.0051	J	1.00	1.22		mg/L		122	75 - 125

Lab Sample ID: 752-39231-G-3-C MSD
Matrix: Water
Analysis Batch: 96710

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 96137

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	0.912		mg/L		91	75 - 125	1	20
Calcium	65		10.0	71.3	4	mg/L		66	75 - 125	1	20

Lab Sample ID: 752-39231-G-3-C MSD
Matrix: Water
Analysis Batch: 97706

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 96137

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	0.0051	J	1.00	1.21		mg/L		120	75 - 125	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-95725/1-A
Matrix: Water
Analysis Batch: 96413

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 95725

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.018		0.10	0.018	mg/L		11/17/25 11:59	11/18/25 17:59	1
Magnesium	<0.016		0.10	0.016	mg/L		11/17/25 11:59	11/18/25 17:59	1
Manganese	<0.0013		0.0050	0.0013	mg/L		11/17/25 11:59	11/18/25 17:59	1

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

Lab Sample ID: MB 705-95725/1-A
Matrix: Water
Analysis Batch: 96413

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 95725

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	<0.044		0.10	0.044	mg/L		11/17/25 11:59	11/18/25 17:59	1
Sodium	<0.25		0.50	0.25	mg/L		11/17/25 11:59	11/18/25 17:59	1

Lab Sample ID: LCS 705-95725/2-A
Matrix: Water
Analysis Batch: 96413

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 95725

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Iron			1.00	1.97	*+	mg/L		197	80 - 120		
Magnesium			1.00	0.983		mg/L		98	80 - 120		
Manganese			0.100	0.103		mg/L		103	80 - 120		
Potassium			1.00	0.961		mg/L		96	80 - 120		
Sodium			1.00	0.973		mg/L		97	80 - 120		

Lab Sample ID: 705-49392-A-9-B MS
Matrix: Water
Analysis Batch: 96413

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 95725

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Iron	3.1	*+	1.00	3.87		mg/L		79	75 - 125		
Magnesium	79	E	1.00	78.6	E 4	mg/L		-1	75 - 125		
Manganese	3.4		0.100	3.45	4	mg/L		5	75 - 125		
Potassium	3.6		1.00	4.46		mg/L		87	75 - 125		
Sodium	58	E	1.00	57.1	E 4	mg/L		-59	75 - 125		

Lab Sample ID: 705-49392-A-9-C MSD
Matrix: Water
Analysis Batch: 96413

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 95725

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Iron	3.1	*+	1.00	3.93		mg/L		85	75 - 125	2	20
Magnesium	79	E	1.00	78.8	E 4	mg/L		21	75 - 125	0	20
Manganese	3.4		0.100	3.49	4	mg/L		42	75 - 125	1	20
Potassium	3.6		1.00	4.51		mg/L		92	75 - 125	1	20
Sodium	58	E	1.00	58.0	E 4	mg/L		28	75 - 125	2	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-97910/1
Matrix: Water
Analysis Batch: 97910

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	125		mg/L		100	90 - 110		
Bicarbonate Alkalinity as CaCO3			125	125		mg/L		100	90 - 110		

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

Lab Sample ID: 705-49427-1 DU
Matrix: Water
Analysis Batch: 97910

Client Sample ID: WAN-WGWC-28D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3	60		68.9		mg/L		13	30
Bicarbonate Alkalinity as CaCO3	60		68.9		mg/L		13	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 705-96329/1
Matrix: Water
Analysis Batch: 96329

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			11/19/25 16:30	1

Lab Sample ID: LCS 705-96329/2
Matrix: Water
Analysis Batch: 96329

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	996	972		mg/L		98	80 - 120

Lab Sample ID: 705-49427-1 DU
Matrix: Water
Analysis Batch: 96329

Client Sample ID: WAN-WGWC-28D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1800		1820		mg/L		2	10

Method: 4500 S2 F-2011 - Sulfide, Total

Lab Sample ID: MB 705-95612/1-A
Matrix: Water
Analysis Batch: 95625

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 95612

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<1.0		1.0	1.0	mg/L		11/16/25 13:53	11/16/25 17:08	1

Lab Sample ID: LCS 705-95612/2-A
Matrix: Water
Analysis Batch: 95625

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 95612

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	17.3	17.2		mg/L		100	90 - 110

Lab Sample ID: 705-49427-1 MS
Matrix: Water
Analysis Batch: 95625

Client Sample ID: WAN-WGWC-28D
Prep Type: Total/NA
Prep Batch: 95612

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	<1.0	F1	17.3	23.6	F1	mg/L		137	80 - 120

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

Job ID: 705-49427-1

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

Lab Sample ID: 705-49427-1 MSD
Matrix: Water
Analysis Batch: 95625

Client Sample ID: WAN-WGWC-28D
Prep Type: Total/NA
Prep Batch: 95612

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	<1.0	F1	17.3	25.2	F1	mg/L		146	80 - 120	7	20

QC Association Summary

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

Job ID: 705-49427-1

HPLC/IC

Analysis Batch: 97982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49427-1	WAN-WGWC-28D	Total/NA	Water	300.0	
MB 705-97982/3	Method Blank	Total/NA	Water	300.0	
LCS 705-97982/4	Lab Control Sample	Total/NA	Water	300.0	
705-50125-A-25 MS	Matrix Spike	Total/NA	Water	300.0	
705-50125-A-25 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 95725

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49427-1	WAN-WGWC-28D	Total Recoverable	Water	3005A	
MB 705-95725/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-95725/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
705-49392-A-9-B MS	Matrix Spike	Total Recoverable	Water	3005A	
705-49392-A-9-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 96137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49427-1	WAN-WGWC-28D	Total/NA	Water	3010A	
MB 705-96137/1-A	Method Blank	Total/NA	Water	3010A	
LCS 705-96137/2-A	Lab Control Sample	Total/NA	Water	3010A	
752-39231-G-3-B MS	Matrix Spike	Total/NA	Water	3010A	
752-39231-G-3-C MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	

Analysis Batch: 96413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49427-1	WAN-WGWC-28D	Total Recoverable	Water	6020B	95725
705-49427-1	WAN-WGWC-28D	Total Recoverable	Water	6020B	95725
MB 705-95725/1-A	Method Blank	Total Recoverable	Water	6020B	95725
LCS 705-95725/2-A	Lab Control Sample	Total Recoverable	Water	6020B	95725
705-49392-A-9-B MS	Matrix Spike	Total Recoverable	Water	6020B	95725
705-49392-A-9-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	95725

Analysis Batch: 96710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49427-1	WAN-WGWC-28D	Total/NA	Water	6010D	96137
MB 705-96137/1-A	Method Blank	Total/NA	Water	6010D	96137
LCS 705-96137/2-A	Lab Control Sample	Total/NA	Water	6010D	96137
752-39231-G-3-B MS	Matrix Spike	Total/NA	Water	6010D	96137
752-39231-G-3-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010D	96137

Analysis Batch: 97706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49427-1	WAN-WGWC-28D	Total/NA	Water	6010D	96137
MB 705-96137/1-A	Method Blank	Total/NA	Water	6010D	96137
LCS 705-96137/2-A	Lab Control Sample	Total/NA	Water	6010D	96137
752-39231-G-3-B MS	Matrix Spike	Total/NA	Water	6010D	96137
752-39231-G-3-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010D	96137

QC Association Summary

Client: Southern Company
Job ID: 705-49427-1
Project/Site: Plant Wansley Ash Pond Resample

General Chemistry

Prep Batch: 95612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49427-1	WAN-WGWC-28D	Total/NA	Water	SM 4500 S2 C	
MB 705-95612/1-A	Method Blank	Total/NA	Water	SM 4500 S2 C	
LCS 705-95612/2-A	Lab Control Sample	Total/NA	Water	SM 4500 S2 C	
705-49427-1 MS	WAN-WGWC-28D	Total/NA	Water	SM 4500 S2 C	
705-49427-1 MSD	WAN-WGWC-28D	Total/NA	Water	SM 4500 S2 C	

Analysis Batch: 95625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49427-1	WAN-WGWC-28D	Total/NA	Water	4500 S2 F-2011	95612
MB 705-95612/1-A	Method Blank	Total/NA	Water	4500 S2 F-2011	95612
LCS 705-95612/2-A	Lab Control Sample	Total/NA	Water	4500 S2 F-2011	95612
705-49427-1 MS	WAN-WGWC-28D	Total/NA	Water	4500 S2 F-2011	95612
705-49427-1 MSD	WAN-WGWC-28D	Total/NA	Water	4500 S2 F-2011	95612

Analysis Batch: 96329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49427-1	WAN-WGWC-28D	Total/NA	Water	2540C - 2015	
MB 705-96329/1	Method Blank	Total/NA	Water	2540C - 2015	
LCS 705-96329/2	Lab Control Sample	Total/NA	Water	2540C - 2015	
705-49427-1 DU	WAN-WGWC-28D	Total/NA	Water	2540C - 2015	

Analysis Batch: 97910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49427-1	WAN-WGWC-28D	Total/NA	Water	2320B-2011	
LCS 705-97910/1	Lab Control Sample	Total/NA	Water	2320B-2011	
705-49427-1 DU	WAN-WGWC-28D	Total/NA	Water	2320B-2011	

Lab Chronicle

Client: Southern Company
Job ID: 705-49427-1
Project/Site: Plant Wansley Ash Pond Resample

Client Sample ID: WAN-WGWC-28D
Lab Sample ID: 705-49427-1

Date Collected: 11/13/25 15:33
Matrix: Water
Date Received: 11/14/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		20	97982	MS	EET ATL 2	11/26/25 16:36
Total/NA	Prep	3010A			96137	TR	EET ATL	11/18/25 16:43
Total/NA	Analysis	6010D		1	96710	MT	EET ATL	11/20/25 14:38
Total/NA	Prep	3010A			96137	TR	EET ATL	11/18/25 16:43
Total/NA	Analysis	6010D		1	97706	MT	EET ATL	11/25/25 13:28
Total Recoverable	Prep	3005A			95725	BR	EET ATL	11/17/25 11:59
Total Recoverable	Analysis	6020B		1	96413	TT	EET ATL	11/18/25 19:16
Total Recoverable	Prep	3005A			95725	BR	EET ATL	11/17/25 11:59
Total Recoverable	Analysis	6020B		200	96413	TT	EET ATL	11/18/25 19:44
Total/NA	Analysis	2320B-2011		1	97910	AH	EET ATL	11/26/25 09:55
Total/NA	Analysis	2540C - 2015		1	96329	NN	EET ATL	11/19/25 16:30
Total/NA	Prep	SM 4500 S2 C			95612	GT	EET ATL	11/16/25 13:53
Total/NA	Analysis	4500 S2 F-2011		1	95625	GT	EET ATL	11/16/25 17:08

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
Job ID: 705-49427-1
Project/Site: Plant Wansley Ash Pond Resample

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

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Knoxville, TN 37922
PH 865.330.0037
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Memorandum

Date:	27 June 2025
To:	Robert Singleton
From:	Ashley Wilson
CC:	Kristoffer Henderson
Subject:	**Stage 2A Data Validation - Level II Data Deliverable – Eurofins Laboratory Job ID 680-261849-1 Revision 1 and 680-261849-2**

SITE: Plant Wansley Ash Pond

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of twelve water samples, one field duplicate and one field blank, collected 10-11 February 2025, as part of the Plant Wansley Ash Pond on-site sampling event. The samples were analyzed at Eurofins Savannah, Georgia, for the following analytical tests:

- Metals by United States (US) Environmental Protection Agency (EPA) Methods 3005A/6020B
- Mercury by USEPA Method 7470A
- Alkalinity by Standard Method (SM) 2320B
- Sulfide by SM 4500-S2 F-2011
- Anions (Chloride, Fluoride and Sulfate) by USEPA Method 300.0
- Total Dissolved Solids (TDS) by SM 2540C
- 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. If there are results with two or more different qualifications due to multiple QC failures, the final qualification is reconciled in the electronic data deliverable (EDD) with 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 sample was analyzed and reported in the laboratory reports:

Laboratory IDs	Client IDs
680-261849-1	WAN-WGWC-17
680-261849-2	WAN-AP1-FD-01
680-261849-3	WAN-AP1-FB-07
680-261849-4	WAN-WGWA-1
680-261849-5	WAN-WGWA-2
680-261849-6	WAN-WGWA-3
680-261849-7	WAN-WGWA-4

Laboratory IDs	Client IDs
680-261849-8	WAN-WGWA-6
680-261849-9	WAN-WGWA-7
680-261849-10	WAN-WGWA-18
680-261849-11	WAN-WGWC-8
680-261849-12	WAN-WGWC-9
680-261849-13	WAN-WGWC-11
680-261849-14	WAN-WGWC-12

The laboratory reported results for the analytical method(s) requested for each sample on the chain of custody (COC).

The sample was received within 0-6 degrees Celsius (°C). No sample preservation issues were noted by the laboratory.

The sample collection time was not listed on the chain of custody (COC) for the field duplicate sample, WAN-AP1-FD-01. The laboratory logged the sample in with the collection time of 00:00.

The second relinquishing signature, date and time are missing from the COC.

1.0 METALS

The sample was analyzed for metals by US EPA methods 3005A/6020B. (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 any impact on data quality and usability.

✓ Overall Assessment
✓ Holding Time
⊗ Method Blank
✓ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample

⊗ Field Duplicate
✓ Equipment Blank
✓ Field Blank
✓ 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 exception.

Lithium (0.00358 mg/L) was detected in the method blank in batch 875725 at an estimated concentration greater than the MDL and less than the RL. Therefore, the estimated concentrations of lithium in samples WAN-AP1-FB-07 and WAN-WGWA-18 were U qualified as not detected above the RL, and the concentrations of lithium in samples WAN-AP1-FD-01, WAN-WGWA-1 and WAN-WGWA-2 were J+ qualified as estimated with a high bias. The lithium concentration for sample WAN-AP1-FD-01 was also J qualified as estimated due to the field duplicate assessment, the final qualification for the lithium concentration for sample WAN-AP1-FD-01 was J qualified as estimated.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	Reason Code**
WAN-AP1-FB-07	Lithium	0.0048	JB	0.0050	U	BC1
WAN-AP1-FD-01	Lithium	0.012	B	0.012	J	BC1, FD2
WAN-WGWA-1	Lithium	0.0091	B	0.0091	J+	BC1
WAN-WGWA-18	Lithium	0.0047	JB	0.0050	U	BC1

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	Reason Code**
WAN-WGWA-2	Lithium	0.013	B	0.013	J+	BC1

mg/L-milligrams per liter
J-estimated concentration greater than or equal to the MDL and less than the RL
B-Compound was found in the blank and sample
* 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-17 and WAN-WGWA-2. The recovery and relative percent difference (RPD) results were within the laboratory specified acceptance criteria.

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 Duplicate

One field duplicate sample, WAN-AP1-FD-01, was collected with the sample set. Acceptable precision (RPD $\leq$30%) was demonstrated between the field duplicate and the original sample, WAN-WGWC-12, with the following exceptions.

Lithium was detected in the field duplicate sample WAN-AP1-FD-01 at a concentration greater than the reporting limit (RL) and detected at an estimated concentration greater than the MDL and less than the RL in the parent sample WAN-WGWC-12, resulting in a noncalculable RPD result. Since the absolute difference between the parent sample and field duplicate was greater than the RL, the iron concentrations in samples WAN-WGWC-12 and WAN-AP1-FD-01 were J qualified as estimated..

The RPD for iron in the field duplicate pair was greater than 30%. Therefore, the iron concentrations in samples WAN-WGWC-12 and WAN-AP1-FD-01 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-01	Iron	1.4	NA	40	1.4	J	FD1

Sample	**Analyte**	**Laboratory Result (mg/L)**	**Laboratory Flag**	**RPD**	**Validation Result (mg/L)**	**Validation Qualifier**	**Reason Code**
WAN-WGWC-12	Iron	2.1	NA		2.1	J	FD1
WAN-AP1-FD-01	Lithium	0.012	B	NC	0.012	J	FD2
WAN-WGWC-12	Lithium	0.0032	J		0.0032	J	FD2

mg/L-milligrams per liter
J-estimated concentration greater than or equal to the MDL and less than the RL
B-compound was found in the blank and sample
NA-not applicable
NC-noncalculable

1.7 Equipment Blank

Equipment blanks were not reported with the sample set.

1.8 Field Blank

One field blank, WAN-AP1-FB-07, was collected with the sample set. Metals were not detected in the field blank at or above the MDLs, with the following exception.

Lithium was detected in the equipment blank at an estimated concentration greater than the MDL and less than the RL. Since lithium result in the equipment blank was qualified due to method blank contamination, no additional 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 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 sample was 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 any 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 sample 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). One sample set specific MS/MSD pair was reported using sample WAN-AP1-FB-07. The recovery and RPD results were within the laboratory specified acceptance criteria.

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

One field blank, WAN-AP1-FB-07, was collected with the sample set. Mercury was not detected in the field blank at or above the MDL.

2.7 Equipment Blank

Equipment blank were not reported with the sample set.

2.8 Field Duplicate

One field duplicate sample, WAN-AP1-FD-01, was collected with the sample set. Acceptable precision (RPD <30%) was demonstrated between the field duplicate and the original sample, WAN-WGWC-12.

2.9 Sensitivity

The sample was 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 sample was analyzed for anions by US EPA method 300.0, sulfide by SM 4500 S2 F-2011, alkalinity by SM 2320B-2011 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 any impact on data quality and usability.

- ✓ Overall Assessment
- ✓ Holding Times
- ✓ Method Blank
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Equipment Blank
- ✓ Field 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 sample 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	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	28 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).

Two sample set specific MS/MSD pairs were reported for anions using samples WAN-AP1-FB-07 and WAN-WGWC-12. The recovery and RPD results were within the laboratory specified acceptance criteria.

One sample set specific MS/MSD pair was reported for sulfide using sample WAN-AP1-FD-01. The RPD results were within the laboratory specified acceptance criteria. The recovery and RPD results were within the laboratory specified 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 Equipment Blank

Equipment blanks were not reported with the sample set.

3.7 Field Blank

One field blank, WAN-AP1-FB-07, was collected with the sample set. Wet chemistry parameters were not detected in the field blank at or above the MDLs.

3.8 Field Duplicate

One field duplicate sample, WAN-AP1-FD-01, was collected with the sample set. Acceptable precision (RPD <30%) was demonstrated between the field duplicate and the original sample, WAN-WGWC-12.

3.9 Laboratory Duplicate

Two sample set specific laboratory duplicates were reported for alkalinity using samples WAN-WGWA-3 and WAN-AP1-FB-07. The RPD results were within the laboratory specified acceptance criteria.

One sample set specific laboratory duplicate was reported for TDS using sample WAN-WGWC-8. The RPD results were within the laboratory specified acceptance criteria.

One sample set specific laboratory duplicate was reported for sulfide using sample WAN-WGWC-17. 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 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 any 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

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 sample WAN-WGWA-7 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 above the MDC, and based on professional and technical judgment, the total radium concentration in sample WAN-WGWA-7 was U qualified as not detected.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-WGWA-7	Combined Radium 226 + 228	0.699	NA	0.699	U	RO1

pCi/L-picocuries per liter
U-not detected at or above the MDC
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-226 (0.2189 pCi/L) was detected in the method blank in batch 703466 at a concentration greater than the RL. Therefore, the radium-226 concentrations with a mean difference greater than 2 and a concentration less than ten times the method blank concentration for radium-226 in the associated samples were J qualified as estimated. In addition, the combined radium 226 + 228 concentrations in sample WAN-WGWA-4 and WAN-WGWC-8 were J qualified as estimated.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-WGWA-4	Radium-226	0.613	NA	0.613	J	BL
WAN-WGWA-4	Combined Radium 226 + 228	2.44	NA	2.44	J	BL
WAN-WGWC-8	Radium-226	0.484	NA	0.484	J	BL

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-WGWC-8	Combined Radium 226 + 228	3.46	NA	3.46	J	BL

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.

4.6 Laboratory Duplicate

Laboratory duplicates were not reported with the sample set.

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

One field blank, WAN-AP1-FB-07, was 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 (1.00 pCi/L) was detected in WAN-AP1-FB-07 at a concentration greater than the MDC. Therefore, the radium-228 concentrations with a mean difference greater than 2 and a concentration less than ten times the blank concentration for radium-228 in the associated samples were J qualified as estimated and 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-8 and WAN-WGWC-9 were J qualified as estimated and the combined radium 226 + 228 concentration for sample WAN-AP1-FD-01, WAN-WGWA-1, WAN-WGWA-

3, WAN-WGWC-11 and WAN-WGWC-12 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-01	Radium-228	1.50	NA	1.50	UJ	BFH
WAN-AP1-FD-01	Combined Radium 226 + 228	1.66	NA	1.66	UJ	BFH
WAN-WGWA-1	Radium-228	1.57	NA	1.57	UJ	BFH
WAN-WGWA-1	Combined Radium 226 + 228	1.59	NA	1.59	UJ	BFH
WAN-WGWA-3	Radium-228	0.989	NA	0.989	UJ	BFH
WAN-WGWA-3	Combined Radium 226 + 228	1.15	NA	1.15	UJ	BFH
WAN-WGWA-4	Radium-228	1.83	NA	1.83	UJ	BFH
WAN-WGWA-4	Combined Radium 226 + 228	2.44	NA	2.44	J	BFH
WAN-WGWA-6	Radium-228	9.84	NA	9.84	J	BFH
WAN-WGWA-6	Combined Radium 226 + 228	13.1	NA	13.1	J	BFH
WAN-WGWC-11	Radium-228	1.20	NA	1.20	UJ	BFH
WAN-WGWC-11	Combined Radium 226 + 228	1.28	NA	1.28	UJ	BFH
WAN-WGWC-12	Radium-228	0.779	NA	0.779	UJ	BFH
WAN-WGWC-12	Combined Radium 226 + 228	0.892	NA	0.892	UJ	BFH
WAN-WGWC-8	Radium-228	2.97	NA	2.97	J	BFH
WAN-WGWC-8	Combined Radium 226 + 228	3.46	NA	3.46	J	BFH
WAN-WGWC-9	Radium-228	2.45	NA	2.45	J	BFH
WAN-WGWC-9	Combined Radium 226 + 228	2.41	NA	2.41	J	BFH

pCi/L-picocuries per liter
NA-not applicable

4.9 Equipment Blank

Equipment blanks were not reported with the sample set.

4.10 Field Duplicate

One field duplicate sample, WAN-AP1-FD-01, was 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 sample, WAN-WGWC-12.

4.11 Sensitivity

The samples were reported to the MDCs. No elevated non-detect results were reported.

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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 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 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.

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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:	1 July 2025
To:	Robert Singleton
From:	Ashley Wilson
CC:	Kristoffer Henderson
Subject:	**Stage 2A Data Validation - Level II Data Deliverable – Eurofins Laboratory Job IDs 680-261943-1, 680-261943-2 and 680-261943-3**

SITE: Plant Wansley Ash Pond

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of eighteen water samples, two field duplicates, two field blanks and three equipment blanks, collected 12-13 February 2025, as part of the Plant Wansley Ash Pond on-site sampling event. The samples were analyzed at Eurofins Savannah, Georgia, for the following analytical tests:

- Total and Dissolved Metals by United States (US) Environmental Protection Agency (EPA) Methods 3005A/6020B
- Total and Dissolved Mercury by USEPA Method 7470A
- Alkalinity by Standard Method (SM) 2320B
- Sulfide by SM 4500-S2 F-2011
- Anions (Chloride, Fluoride and Sulfate) by USEPA Method 300.0
- Total Dissolved Solids (TDS) by SM 2540C
- 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. If there are results with two or more different qualifications due to multiple QC failures, the final qualification is reconciled in the electronic data deliverable (EDD) with 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 sample was analyzed and reported in the laboratory reports:

Laboratory IDs	Client IDs
680-261943-1	WAN-WGWC-13
680-261943-2	WAN-WGWC-14A
680-261943-3	WAN-WGWC-16
680-261943-4	WAN-WGWC-20
680-261943-5	WAN-WGWC-22
680-261943-6	WAN-WGWC-25
680-261943-7	WAN-WGWC-27
680-261943-8	WAN-WGWC-28D
680-261943-9	WAN-WAMW-1
680-261943-10	WAN-WAMW-2
680-261943-11	WAN-AP1-FD-02
680-261943-12	WAN-AP1-FB-08
680-261943-13	WAN-AP1-EB-01

Laboratory IDs	Client IDs
680-261943-14	WAN-WGWC-10
680-261943-15	WAN-WGWC-15
680-261943-16	WAN-WGWC-19
680-261943-17	WAN-WGWC-21
680-261943-18	WAN-WGWC-23
680-261943-19	WAN-WGWC-24
680-261943-20	WAN-PZ-26D
680-261943-21	WAN-PZ-31
680-261943-22	WAN-AP1-FD-03
680-261943-23	WAN-AP1-FB-09
680-261943-24	WAN-AP1-EB-02
680-261943-25	WAN-AP1-EB-03

The laboratory reported results for the analytical method(s) requested for each sample on the chain of custody (COC).

The sample was received within 0-6 degrees Celsius (°C). No sample preservation issues were noted by the laboratory.

The sample collection time was not listed on the COC for the field duplicate samples, WAN-AP1-FD-02 and WAN-AP1-FD-03. The laboratory logged the samples in with the collection time of 00:00.

The second relinquishing times are missing from the COCs for laboratory reports 680-261943-1, 680-261943-2 and 680-261943-3.

1.0 METALS

The samples were analyzed for total and dissolved metals by US EPA methods 3005A/6020B. (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 any impact on data quality and usability.

- ✓ Overall Assessment
- ✓ Holding Time
- ✓ Method Blank
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ⊗ Field Duplicate
- ✓ Field Blank
- ✓ Equipment Blank
- ✓ Assessment of Total vs Dissolved Metals
- ✓ 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%.

1.1.2 Analysis Anomaly

Additional information from the laboratory indicated that the percent difference (%D) for thallium in the continuing calibration verification (CCV) in batch 876267 was outside the laboratory acceptance limits with a high bias. Since thallium was not detected in the associated samples, no qualifications were applied to the data.

1.2 Holding Time

The holding time for the total metals analysis of a water sample is 180 days from sample collection to analysis. The holding times for the dissolved metals analysis of a water sample are 15 minutes from sample collection to filtration and 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).

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). Batch MS/MSD pairs were reported. 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 Duplicate

Two field duplicate samples, WAN-AP1-FD-02 and WAN-AP1-FD-03, were collected with the sample set. Acceptable precision [relative percent difference (RPD) <30%] was demonstrated between the field duplicates and the original samples, WAN-WGWC-16 and WAN-WGWC-19, respectively, with the following exceptions.

Barium was detected in the sample WAN-WGWC-16 at a concentration greater than the reporting limit (RL) and detected at an estimated concentration greater than the MDL and less than the RL in field duplicate sample WAN-AP1-FD-02, resulting in a noncalculable RPD result. Since the absolute difference between the parent and field duplicate results was greater than the RL, the barium concentrations in the field duplicate pair were J qualified as estimated.

Beryllium was detected in the sample WAN-WGWC-16 at an estimated concentration greater than the MDL and less than the RL and not detected in field duplicate sample WAN-AP1-FD-02. Since the absolute difference between the parent and field duplicate results was less than the RL, no qualifications were applied to the data.

Boron was detected in the sample WAN-WGWC-16 at a concentration greater than the RL and not detected in field duplicate sample WAN-AP1-FD-02, resulting in a noncalculable RPD result. Since the absolute difference between the parent and field duplicate results was greater than the RL, the concentration of boron in sample WAN-WGWC-16 was J qualified as estimated, and the nondetect result in field duplicate sample WAN-AP1-FD-02 was UJ qualified as estimated below the RL.

Iron and lithium were detected in the sample WAN-WGWC-16 at estimated concentrations greater than the MDLs and less than the RLs and detected at concentrations greater than the RLs in field duplicate WAN-AP1-FD-02, resulting in a noncalculable RPD result. Since the absolute differences between the parent and field duplicate results were greater than the RLs, the concentrations of iron and lithium in the field duplicate pair WAN-AP1-FD-02/WAN-AP1-FD-02 were J qualified as estimated.

The RPD for manganese in the field duplicate pair, WAN-AP1-FD-02/ WAN-AP1-FD-02, was greater than 30%. Therefore, the manganese concentrations in WAN-AP1-FD-02/ WAN-AP1-FD-02 were J qualified as estimated.

Boron and cobalt were detected in field duplicate sample WAN-AP1-FD-03 at estimated concentrations greater than the MDL and less than the RL and not detected in parent sample WAN-WGWC-19. Since the absolute differences between the parent and field duplicate results were less than the RLs, 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-02	Barium	0.0045	J	NC	0.0045	J	FD2
WAN-WGWC-16	Barium	0.040	NA		0.040	J	FD2
WAN-AP1-FD-02	Boron	0.080	U	NC	0.080	UJ	FD2
WAN-WGWC-16	Boron	0.56	NA		0.56	J	FD2
WAN-AP1-FD-02	Iron	1.9	NA	NC	1.9	J	FD2
WAN-WGWC-16	Iron	0.046	J		0.046	J	FD2
WAN-AP1-FD-02	Lithium	0.024	NA	NC	0.024	J	FD2
WAN-WGWC-16	Lithium	0.0024	J		0.0024	J	FD2
WAN-AP1-FD-02	Manganese	0.031	NA	95	0.031	J	FD1
WAN-WGWC-16	Manganese	0.011	NA		0.011	J	FD1

mg/L-milligrams per liter
J-estimated concentration greater than or equal to the MDL and less than the RL
NA-not applicable
U-not detected at a concentration greater than or equal to the MDL
NC-noncalculable
*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

Two field blanks, WAN-AP1-FB-08 and WAN-AP1-FB-09, were collected with the sample set. Metals were not detected in the field blanks at or above the MDLs.

1.8 Equipment Blank

Three equipment blanks WAN-AP1-EB-01, WAN-AP1-EB-02 and WAN-AP1-EB-03 were collected with the sample set. Metals were not detected in the equipment blanks at or above the MDLs.

1.9 Assessment of Total vs Dissolved Metal

The samples WAN-WGWC-23 and WAN-WGWC-25 were analyzed for total and dissolved metals. The concentrations of total metals were greater than or equal to the concentrations of dissolved metals in the samples or the dissolved metal concentration was greater than the total metals concentration with an RPD between the total and dissolved metals results less than 30%.

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 total and dissolved 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 any impact on data quality and usability.

- ✓ Overall Assessment
- ✓ Holding Times
- ✓ Method Blank
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Field Duplicate
- ✓ Field Blank
- ✓ Equipment Blank
- ✓ Assessment of Total vs Dissolved Mercury
- ✓ 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 sample submitted for this analysis, for this data package is 100%.

2.2 Holding Times

The holding time for the total mercury analysis of a soil sample is 28 days from sample collection to analysis. The holding times for the dissolved mercury analysis of a water sample are 15 minutes from sample collection to filtration and 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-16, WAN-WGWC-21 and WAN-AP1-EB-03. The recovery and RPD results were within the laboratory specified acceptance criteria.

Batch MS/MSD pairs were reported for mercury. Since this was batch QC, the results do 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 Duplicate

Two field duplicate samples, WAN-AP1-FD-02 and WAN-AP1-FD-03, were collected with the sample set. Acceptable precision (RPD <30%) was demonstrated between the field duplicates and the original samples, WAN-WGWC-16 and WAN-WGWC-19, respectively.

2.7 Field Blank

Two field blanks, WAN-AP1-FB-08 and WAN-AP1-FB-09, were collected with the sample set. Mercury was not detected in the field blank at or above the MDL.

2.8 Equipment Blank

Three equipment blanks WAN-AP1-EB-01, WAN-AP1-EB-02 and WAN-AP1-EB-03 were collected with the sample set. Mercury was not detected in the equipment blanks at or above the MDL.

2.9 Assessment of Total vs Dissolved Metals

The samples WAN-WGWC-23 and WAN-WGWC-25 were analyzed for total and dissolved mercury. The concentrations of total mercury were greater than or equal to the concentrations of dissolved mercury in the samples or the dissolved mercury concentration was greater than the total mercury concentration with an RPD between the total and dissolved mercury results less than 30%.

2.10 Sensitivity

The sample was 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.

2.11 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, sulfide by SM 4500 S2 F-2011, alkalinity by SM 2320B-2011 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 any impact on data quality and usability.

✓ Overall Assessment
✓ Holding Times
✓ Method Blank
⊗ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
✓ Laboratory Duplicate
⊗ Field Duplicate
✓ Field Blank
⊗ Equipment Blank
✓ 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 sample 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	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-WAMW-2, WAN-PZ-31 and WAN-AP1-FD-02. The recovery and RPD results were within the laboratory specified acceptance criteria, with the following exceptions.

The recoveries of chloride, fluoride and sulfate in MS/MSD using sample WAN-WAMW-2 were low and outside of laboratory specified acceptance criteria. However, the laboratory noted in the case narrative that the spike compounds were inadvertently omitted during the extraction process for these MS/MSDs. Therefore, the MS/MSD pair using sample WAN-WAMW-2 was not evaluated.

The recoveries chloride, fluoride and sulfate in MS/MSD using sample WAN-AP1-FD-02 were low and outside of laboratory specified acceptance criteria. In addition, the RPD of fluoride in the MS/MSD pair was high and outside of laboratory specified acceptance criteria. Therefore, the concentration of fluoride in sample WAN-AP1-FD-02 was J qualified as estimated and the concentrations of chloride and sulfate were J- qualified as estimated with a low bias. Since the chloride and sulfate concentrations for sample WAN-AP1-FD-02 were also J qualified as estimated due to the field duplicate assessment, the final qualifications for the chloride and sulfate concentrations for sample WAN-AP1-FD-02 were J qualified as estimated.

One sample set specific MS/MSD pair was reported for sulfide using sample WAN-WGWC-19. The recovery and RPD results were within the laboratory specified acceptance criteria.

Batch MS/MSD pairs were reported for alkalinity, sulfide 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.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-AP1-FD-02	Fluoride	0.063	JF1F2	0.063	J	MS1|MS2
WAN-AP1-FD-02	Chloride	2.3	F1	2.3	J	MS1|FD1

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-AP1-FD-02	Sulfate	5.4	F1	5.4	J	MS1|FD1

mg/L-milligrams per liter
J-estimated concentration greater than or equal to the MDL and less than the RL
F1-MS and/or MSD recovery exceeds control limits
F2-MS/MSD RPD exceeds control limits

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 Laboratory Duplicate

Two sample set specific laboratory duplicates were reported for alkalinity using samples WAN-WAMW-1 and WAN-AP1-FD-03. The RPD results were within the laboratory specified acceptance criteria.

Two sample set specific laboratory duplicates were reported for TDS using samples WAN-WGWC-20 and WAN-WGWC-21. The RPD results were within the laboratory specified acceptance criteria.

One sample set specific laboratory duplicate was reported for sulfide using sample WAN-WGWC-10. The RPD results were within the laboratory specified acceptance criteria.

Batch laboratory duplicates were reported for alkalinity, sulfide 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.

3.7 Field Duplicate

Two field duplicate samples, WAN-AP1-FD-02 and WAN-AP1-FD-03, were collected with the sample set. Acceptable precision (RPD <30%) was demonstrated between the field duplicates and the original samples, WAN-WGWC-16 and WAN-WGWC-19, respectively, with the following exceptions.

The RPDs of bicarbonate and total alkalinity were high and outside of laboratory specified acceptance criteria in field duplicate pair WAN-AP1-FD-02/WAN-WGWC-16. Therefore, the concentrations of bicarbonate and total alkalinity were J qualified as estimated.

The RPDs of chloride and sulfate were high and outside of laboratory specified acceptance criteria in field duplicate pair WAN-AP1-FD-02/WAN-WGWC-16. Therefore, the concentrations of chloride and sulfate in field duplicate pair WAN-AP1-FD-02/WAN-WGWC-16 were J qualified as estimated.

Fluoride was detected in field duplicate sample WAN-AP1-FD-02 at an estimated concentration greater than the MDL and less than the RL and not detected in parent sample WAN-WGWC-16. Since the absolute difference between the parent and field duplicate results was less than the RL, no qualifications were applied to the data.

Fluoride was detected in field duplicate sample WAN-AP1-FD-03 at a concentration greater than the RL and detected at an estimated concentration greater than the MDL and less than the RL in parent sample WAN-WGWC-19. Since the absolute difference between the parent and field duplicate results 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-02	Alkalinity Total as CaCO3	77	NA	150	77	J	FD1
WAN-WGWC-16	Alkalinity Total as CaCO3	11	NA		11	J	FD1
WAN-AP1-FD-02	Bicarbonate Alkalinity as CaCO3	77	NA	150	77	J	FD1
WAN-WGWC-16	Bicarbonate Alkalinity as CaCO3	11	NA		11	J	FD1
WAN-AP1-FD-02	Chloride	2.3	F1	170	2.3	J	FD1
WAN-WGWC-16	Chloride	28	NA		28	J	FD1
WAN-AP1-FD-02	Sulfate	5.4	F1	152	5.4	J	FD1
WAN-WGWC-16	Sulfate	40	NA		40	J	FD1

mg/L-milligrams per liter
F1-MS and/or MSD recovery exceeds control limits
NA-not applicable

3.8 Field Blank

Two field blanks, WAN-AP1-FB-08 and WAN-AP1-FB-09, were collected with the sample set. Wet chemistry parameters were not detected in the field blank at or above the MDLs.

3.9 Equipment Blank

Three equipment blanks WAN-AP1-EB-01, WAN-AP1-EB-02 and WAN-AP1-EB-03 were collected with the sample set. Wet chemistry parameters were not detected in the field blank at or above the MDLs, with the following exception.

Sulfide (1.2 mg/L) was detected at a concentration greater than the RL in equipment blank, WAN-AP1-EB-01. Therefore, the detected concentration in sample WAN-WGWC-28D was J+ qualified as estimated with a high bias. Since the other samples were nondetect, 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-28D	Sulfide	1.5	NA	1.5	J+	BEH

mg/L-milligrams per liter
NA-not applicable

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 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 any 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 Duplicate
- ✓ Field Blank
- ✓ Equipment Blank
- ✓ Sensitivity

4.1 Overall Assessment

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%.

4.1.1 Analysis Anomaly

Total radium in samples WAN-PZ-31, WAN-WAMW-1 and WAN-WGWC-13 were 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 above the MDC, the total radium concentration in samples WAN-PZ-31, WAN-WAMW-1 and WAN-WGWC-13 were U qualified as not detected.

Radium-226 was detected in sample WAN-WGWC-10 at a concentration greater than the MDC and total radium was not detected. Since total radium is calculated from the combined radium 226 and 228 concentrations, and radium-226 was detected, the total radium result should be considered a detection greater than the MDC.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-PZ-31	Combined Radium 226 + 228	0.714	NA	0.714	U	RO1
WAN-WAMW-1	Combined Radium 226 + 228	0.557	NA	0.557	U	RO1
WAN-WGWC-13	Combined Radium 226 + 228	0.589	NA	0.589	U	RO1
WAN-WGWC-10	Combined Radium 226 + 228	0.440	U	0.440	NA	RO1

pCi/L-picocuries per liter
U-not detected at or above the MDC
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 (0.8430 pCi/L) was detected in the method blank in batch 703880 at a concentration greater than the MDC. Therefore, the radium-228 concentrations with a mean difference greater than 2 and a concentration less than ten times the method blank concentration for radium-228 in the associated samples were J qualified as estimated and the radium-228 concentrations with a mean difference between 0-2 were UJ qualified as not statistically distinguishable from the blank. In addition, the combined radium 226 + 228 concentrations in samples WAN-AP1-FD-02, WAN-WGWC-14A, WAN-WGWC-21, WAN-WGWC-22, WAN-WGWC-24, WAN-WGWC-25, WAN-WGWC-27 and WAN-WGWC-28D were J qualified as estimated since the radium-226 results in these samples were greater than the MDC, and the combined radium 226 + 228 concentrations in samples WAN-PZ-26D, WAN-WAMW-2, WAN-WGWC-15, WAN-WGWC-16 and WAN-WGWC-20 were UJ qualified as not statistically distinguishable from the blank, since the radium-228 results were UJ qualified as not statistically distinguishable from the blank and radium-226 was detected above the MDC for these samples.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-AP1-FD-02	Radium-228	0.678	NA	0.678	UJ	BL
WAN-AP1-FD-02	Combined Radium 226 + 228	0.898	NA	0.898	J	BL
WAN-PZ-26D	Radium-228	0.578	NA	0.578	UJ	BL
WAN-PZ-26D	Combined Radium 226 + 228	0.648	NA	0.648	UJ	BL
WAN-WAMW-2	Radium-228	0.657	NA	0.657	UJ	BL
WAN-WAMW-2	Combined Radium 226 + 228	0.800	NA	0.800	UJ	BL
WAN-WGWC-14A	Radium-228	0.764	NA	0.764	UJ	BL

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-WGWC-14A	Combined Radium 226 + 228	0.968	NA	0.968	J	BL
WAN-WGWC-15	Radium-228	1.00	NA	1.00	UJ	BL
WAN-WGWC-15	Combined Radium 226 + 228	1.11	NA	1.11	UJ	BL
WAN-WGWC-16	Radium-228	1.01	NA	1.01	UJ	BL
WAN-WGWC-16	Combined Radium 226 + 228	1.14	NA	1.14	UJ	BL
WAN-WGWC-20	Radium-228	0.976	NA	0.976	UJ	BL
WAN-WGWC-20	Combined Radium 226 + 228	1.12	NA	1.12	UJ	BL
WAN-WGWC-21	Radium-228	1.42	NA	1.42	UJ	BL
WAN-WGWC-21	Combined Radium 226 + 228	1.70	NA	1.70	J	BL
WAN-WGWC-22	Radium-228	3.05	NA	3.05	J	BL
WAN-WGWC-22	Combined Radium 226 + 228	4.31	NA	4.31	J	BL
WAN-WGWC-24	Radium-228	0.583	NA	0.583	UJ	BL
WAN-WGWC-24	Combined Radium 226 + 228	0.801	NA	0.801	J	BL
WAN-WGWC-25	Radium-228	1.04	NA	1.04	UJ	BL
WAN-WGWC-25	Combined Radium 226 + 228	1.43	NA	1.43	J	BL
WAN-WGWC-27	Radium-228	3.94	NA	3.94	J	BL
WAN-WGWC-27	Combined Radium 226 + 228	5.08	NA	5.08	J	BL
WAN-WGWC-28D	Radium-228	6.04	NA	6.04	J	BL
WAN-WGWC-28D	Combined Radium 226 + 228	7.79	NA	7.79	J	BL

pCi/L-picocuries per liter
NA-not applicable

4.4 Matrix Spike/Matrix Spike Duplicate

MS/MSD pairs were not reported with 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). LCS/LCS duplicate (LCSD) pairs were reported for radium-226 and radium-228. The recovery and replicate error ratio (RER) [2 sigma (2σ)] results were within the laboratory specified acceptance criteria.

4.6 Laboratory Duplicate

Two laboratory duplicates were reported with the sample set using samples WAN-WGWC-13 and WAN-PZ-31. The RER [2 sigma (2σ)] results were within the laboratory specified acceptance criteria.

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 Duplicate

Two field duplicate samples, WAN-AP1-FD-02 and WAN-AP1-FD-03, were collected with the sample set. Acceptable precision [mean difference (MD) ≤ 3, RPD $< 20\%$ or difference $<$ RL] was demonstrated between the field duplicates and the original samples, WAN-WGWC-16 and WAN-WGWC-19, respectively.

4.9 Field Blank

Two field blanks, WAN-AP1-FB-08 and WAN-AP1-FB-09, 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.

4.10 Equipment Blank

Three equipment blanks WAN-AP1-EB-01, WAN-AP1-EB-02 and WAN-AP1-EB-03 were collected with the sample set and analyzed for radium-226 and radium-228. Radium-226 and radium-228 were not detected in the equipment blanks at or above the measured 2σ uncertainty or the MDC.

4.11 Sensitivity

The samples were reported to the MDCs. The laboratory noted that sample WAN-WGWC-23 was G flagged to indicate that the sample's MDC is greater than the requested reporting limit. No elevated non-detect results were reported.

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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 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 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.

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ATTACHMENT 2
DATA VALIDATION REASON CODES

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
CV2	ICV or CCV %R

DQM Reason Code	Description
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
NR1	NUMERIC RESULTS

DQM Reason Code	Description
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
SPR4	LCL > BLANK > LOW_CUTOFF

DQM Reason Code	Description
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:	14 July 2025
To:	Robert Singleton
From:	Ashley Wilson
CC:	Kristoffer Henderson
Subject:	**Stage 2A Data Validation - Level II Data Deliverable – Eurofins Laboratory Job ID 680-263379-1, Revision 1**

SITE: Plant Wansley Ash Pond

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of one water sample collected 7 April 2025, as part of the Plant Wansley Ash Pond on-site sampling event. The sample was analyzed at Eurofins Savannah, Georgia, for the following analytical tests:

- Metals by United States (US) Environmental Protection Agency (EPA) Methods 3005A/6020B
- Alkalinity by Standard Method (SM) 2320B
- Sulfide by SM 4500-S2 F-2011
- Anions (Chloride, Fluoride and Sulfate) by USEPA Method 300.0
- Total Dissolved Solids (TDS) by SM 2540C

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. If there are results with two or more different qualifications due to multiple QC failures, the final qualification is reconciled in the electronic data deliverable (EDD) with 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 sample was analyzed and reported in the laboratory reports:

Laboratory IDs	Client IDs
680-263379-1	WAN-PZ-32D

The laboratory reported results for the analytical method(s) requested for each sample on the chain of custody (COC).

The sample was received within 0-6 degrees Celsius (°C). No sample preservation issues were noted by the laboratory.

The laboratory report was revised on 7/7/2025 to include all metals USEPA Method 3005A/6020B QC data for sample WAN-PZ-32D. The laboratory report was identified as 680-263379-1, Revision 1.

1.0 METALS

The sample was analyzed for metals by US EPA methods 3005A/6020B.

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 any impact on data quality and usability.

- ✓ Overall Assessment
- ✓ Holding Time
- ✓ Method Blank
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Field Duplicate
- ✓ Equipment Blank
- ✓ Field Blank
- ✓ 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 the sample 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 type of sample analyzed (one per batch of 20 samples). Metals were not detected in the method blank at or above the method detection limits (MDLs).

1.4 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSDs were analyzed at the proper frequency for the number and type of sample analyzed (one per batch of 20 samples).

Batch MS/MSD pairs were reported. Since these were batch QC, the results do not affect the sample 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 type of sample analyzed (one per batch of 20 samples). The recovery results were within the laboratory specified acceptance criteria.

1.6 Field Duplicate

Field duplicate samples were not reported with the sample set.

1.7 Equipment Blank

Equipment blanks were not reported with the sample set.

1.8 Field Blank

Field blanks were not reported with the sample set.

1.9 Sensitivity

The sample was reported to the MDL. Elevated non-detect 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 WET CHEMISTRY

The sample was analyzed for anions by US EPA method 300.0, sulfide by SM 4500 S2 F-2011, alkalinity by SM 2320B-2011 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 any impact on data quality and usability.

⊗ Overall Assessment
✓ Holding Times
✓ Method Blank
✓ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
✓ Equipment Blank
✓ Field Blank
✓ Field Duplicate
⊗ Laboratory Duplicate
✓ Sensitivity
✓ Electronic Data Deliverables Review

2.1 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 sample submitted for this analysis, for this data package is 100%.

2.1.1 Completeness

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 sample submitted for this analysis, for this data package is 100%.

2.1.2 Analysis Anomaly

The laboratory indicated that the sulfide method requirement for no headspace was not met for sample WAN-PZ-32D. Since the sample was preserved with sodium hydroxide and zinc acetate, no qualifications were applied to the data.

2.2 Holding Times

The holding times for the wet chemistry parameters are listed below.

Analyte	Method	Holding Time
Anions	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.

2.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and type of sample analyzed (one per batch of 20 samples). The wet chemistry parameters were not detected in the method blanks at or above the MDLs.

2.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and type of sample analyzed (one per batch of 20 samples).

Batch MS/MSD pairs were reported for anions, sulfide. Since these were batch QC, the results do not affect the sample 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 type of sample analyzed (one per batch of 20 samples). The recovery and relative percent difference (RPD) results were within the laboratory specified acceptance criteria.

2.6 Equipment Blank

Equipment blanks were not reported with the sample set.

2.7 Field Blank

Field blanks were not reported with the sample set.

2.8 Field Duplicate

Field duplicate samples were not reported with the sample set.

2.9 Laboratory Duplicate

One sample set specific laboratory duplicate was reported for alkalinity, TDS and sulfide using sample WAN-PZ-32D. The RPD results were within the laboratory specified acceptance criteria, with the following exception.

The RPD of TDS in the laboratory duplicate using sample WAN-PZ-32D was high and outside of laboratory specified acceptance criteria. Therefore, the TDS concentration in sample WAN-PZ-32D was J qualified as estimated.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	Reason Code**
WAN-PZ-32D	Total Dissolved Solids	1700	NA	1700	J	LD1

mg/L- milligram per liter
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

2.10 Sensitivity

The sample was reported to the MDLs. Elevated non-detect results were reported due to the dilutions analyzed.

2.11 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 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 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.

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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:	14 July 2025
To:	Robert Singleton
From:	Ashley Wilson
CC:	Kristoffer Henderson
Subject:	**Stage 2A Data Validation - Level II Data Deliverable – Eurofins Laboratory Job ID 680-263382-1**

SITE: Plant Wansley Ash Pond

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of one water sample collected 7 April 2025, as part of the Plant Wansley Ash Pond on-site sampling event. The sample was analyzed at Eurofins Savannah, Georgia, for the following analytical tests:

- Metals by United States (US) Environmental Protection Agency (EPA) Methods 3005A/6020B
- Alkalinity by Standard Method (SM) 2320B
- Sulfide by SM 4500-S2 F-2011
- Anions (Chloride, Fluoride and Sulfate) by USEPA Method 300.0
- Total Dissolved Solids (TDS) by SM 2540C

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. If there are results with two or more different qualifications due to multiple QC failures, the final qualification is reconciled in the electronic data deliverable (EDD) with 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 sample was analyzed and reported in the laboratory reports:

Laboratory IDs	Client IDs
680-263382-1	WAN-PZ-33D

The laboratory reported results for the analytical method(s) requested for each sample on the chain of custody (COC).

The sample was received within 0-6 degrees Celsius (°C). No sample preservation issues were noted by the laboratory.

1.0 METALS

The sample was analyzed for metals by US EPA methods 3005A/6020B.

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 any impact on data quality and usability.

- ✓ Overall Assessment
- ✓ Holding Time
- ✓ Method Blank
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Field Duplicate
- ✓ Equipment Blank
- ✓ Field Blank
- ✓ 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 the sample 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 type of sample analyzed (one per batch of 20 samples). Metals were not detected in the method blank at or above the method detection limits (MDLs).

1.4 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSDs were analyzed at the proper frequency for the number and type of sample analyzed (one per batch of 20 samples).

Batch MS/MSD pairs were reported. Since these were batch QC, the results do not affect the sample 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 type of sample analyzed (one per batch of 20 samples). The recovery results were within the laboratory specified acceptance criteria.

1.6 Field Duplicate

Field duplicate samples were not reported with the sample set.

1.7 Equipment Blank

Equipment blanks were not reported with the sample set.

1.8 Field Blank

Field blanks were not reported with the sample set.

1.9 Sensitivity

The sample was reported to the MDL. Elevated non-detect 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 WET CHEMISTRY

The sample was analyzed for anions by US EPA method 300.0, sulfide by SM 4500 S2 F-2011, alkalinity by SM 2320B-2011 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 any impact on data quality and usability.

✓ Overall Assessment
✓ Holding Times
✓ Method Blank
⊗ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
✓ Equipment Blank
✓ Field Blank
✓ Field Duplicate
✓ Laboratory Duplicate
✓ Sensitivity
✓ Electronic Data Deliverables Review

2.1 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 sample submitted for this analysis, for this data package is 100%.

2.2 Holding Times

The holding times for the wet chemistry parameters are listed below.

Analyte	Method	Holding Time
Anions	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.

2.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and type of sample analyzed (one per batch of 20 samples). The wet chemistry parameters were not detected in the method blanks at or above the MDLs.

2.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and type of sample analyzed (one per batch of 20 samples). One sample set specific MS/MSD pair was reported for sulfide using sample WAN-PZ-33D. The recovery and relative percent difference (RPD) results were within the laboratory specified acceptance criteria, with the following exception.

The recoveries of sulfide in the MS/MSD pair using sample WAN-PZ-33D were low and outside of laboratory specified acceptance criteria. Therefore, the nondetect result of sulfide in sample WAN-PZ-33D was UJ qualified as estimated below the reporting limit (RL).

Batch MS/MSD pairs were reported for anions. Since these were batch QC, the results do not affect the sample 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-PZ-33D	Sulfide	0.81	UF1	0.81	UJ	MS1

mg/L- milligram per liter
U-not detected at or above the MDL
F1-MS and/or MSD 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

2.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number and type of sample analyzed (one per batch of 20 samples). The recovery and RPD results were within the laboratory specified acceptance criteria.

2.6 Equipment Blank

Equipment blanks were not reported with the sample set.

2.7 Field Blank

Field blanks were not reported with the sample set.

2.8 Field Duplicate

Field duplicate samples were not reported with the sample set.

2.9 Laboratory Duplicate

Batch laboratory duplicates were reported for alkalinity, sulfide, and TDS. Since these were batch QC, the results do not affect the sample in this data set and qualifications were not applied to the data.

2.10 Sensitivity

The sample was reported to the MDLs. Elevated non-detect results were reported due to the dilutions analyzed.

2.11 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 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 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.

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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

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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:	7 January 2026
To:	Robert Singleton
From:	Ashley Wilson
CC:	Kristoffer Henderson
Subject:	**Stage 2A Data Validation - Level II Data Deliverable – Eurofins Laboratory Job ID 705-39776-1 Revision 2, 705-39776-2, 705-40813-1, 705-49427-1 and 680-264577-1**

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 4 June, 12-15, 18-20 August and 13 November 2025, as part of the Plant Wansley Ash Pond on-site sampling event.

Some 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
- Radium-226 by US EPA Method 9315
- Radium-228 by US EPA Method 9320
- Total Radium by Calculation

Some samples were analyzed at Eurofins Savannah - Savannah, Georgia, for the following analytical tests:

- Metals by USEPA Method 3005A/6020B
- Anions (Chloride, Fluoride and Sulfate) by USEPA Method 300.0-1993 R2.1
- Sulfide by SM 4500 S2 F-2011
- Total Dissolved Solids (TDS) by SM 2540C-2011

- Alkalinity by SM 2320B-2011

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
705-39776-1	WAN-WGWA-3
705-39776-2	WAN-WGWA-18
705-39776-3	WAN-WGWA-4
705-39776-4	WAN-WGWA-6
705-39776-5	WAN-WGWA-1
705-39776-6	WAN-WGWA-2
705-40192-1	WAN-WGWA-7
705-40192-2	WAN-WGWC-25
705-40192-3	WAN-WGWC-17
705-40192-4	WAN-WGWC-15
705-40192-5	WAN-PZ-31
705-40192-6	WAN-PZ-26D
705-40192-7	WAN-AP1-EB-01
705-40192-8	WAN-WGWC-8
705-40192-9	WAN-WGWC-13
705-40192-10	WAN-WGWC-14A
705-40192-11	WAN-WGWC-16
705-40192-12	WAN-WGWC-19
705-40192-13	WAN-WGWC-20
705-40192-14	WAN-WGWC-28D
705-40192-15	WAN-WAMW-1
705-40192-16	WAN-AP1-FD-01
705-40192-17	WAN-AP1-FD-02

Laboratory IDs	Client IDs
705-40192-18	WAN-AP1-FB-07
705-40192-19	WAN-AP1-EB-02
705-40192-20	WAN-WGWC-12
705-40516-1	WAN-WGWC-11
705-40516-2	WAN-WGWC-27
705-40516-3	WAN-AP1-FB-08
705-40516-4	WAN-WGWC-24
705-40516-5	WAN-WGWC-22
705-40516-6	WAN-AP1-FD-03
705-40516-7	WAN-AP1-EB-03
705-40516-8	WAN-WGWC-21
705-40516-9	WAN-AP1-FB-09
705-40516-10	WAN-WGWC-10
705-40516-11	WAN-WGWC-23
705-40516-12	WAN-PZ-32D
705-40516-13	WAN-AP1-FB-14
705-40516-14	WAN-WAMW-2
705-40516-15	WAN-AP1-FD-08
705-40516-16	WAN-WGWC-9
705-40813-1	WAN-PZ-23D
705-40813-2	WAN-AP1-EB-08
705-49427-1	WAN-WGWC-28D
680-264577-1	WAN-PZ-23D

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 time was 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 sample in with the collection time of 00:00.

The laboratory report was revised on 9/25/2025 to correct the initial sample volume amount used in metals prep batch 77076 for Metals 6010D which resulted with incorrect final results calculation. Seventeen samples affected: 705-40516-1 to 705-40516-17. The laboratory report was identified as 705-39776-1, Revision 1. The laboratory report was revised again on 10/22/2025 to add the narrative statement regarding one of the mercury continuing calibration verifications (CCVs). The laboratory report was identified as 705-39776-1, Revision 2.

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 any 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).

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). Five sample set specific MS/MSD pairs were reported using samples WAN-WGWC-27, WAN-AP1-EB-01, WAN-WGWA-7, WAN-AP1-FD-01 and WAN-WGWC-11. The recovery and relative percent difference (RPD) results were within the laboratory specified acceptance criteria, with the following exceptions.

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The MS recovery of lithium in the MS/MSD pair using sample WAN-WGWC-27 was high and outside of laboratory specified acceptance criteria. Therefore, the concentration of lithium in sample WAN-WGWC-27 was J+ qualified as estimated with a high bias.

The MS recovery of beryllium in the MS/MSD pair using sample WAN-WGWC-11 was low and outside of laboratory specified acceptance criteria. Therefore, the nondetect result of beryllium in sample WAN-WGWC-11 was UJ qualified as estimated below 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-WGWC-27	Lithium	0.031	F1	0.031	J+	MS1
WAN-WGWC-11	Beryllium	0.00015	UF1	0.00015	UJ	MS1

mg/L-milligrams per liter
U-not detected at or above the MRL
F1- laboratory flag indicating the MS and/or MSD was outside acceptance criteria
* 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 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 exception.

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The LCS recovery of iron was high and outside of laboratory specified acceptance criteria. Therefore, the estimated concentration of iron in sample WAN-WGWC-28D was 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-WGWC-28D	Iron	9.1	J*+	9.1	J+	LS1

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
*+-LCS and/or LCSD is outside acceptance limits, high biased

1.6 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. Metals were not detected in the field blanks at or above the MDLs.

1.7 Equipment Blank

Four equipment blanks, WAN-AP1-EB-01, WAN-AP1-EB-02, WAN-AP1-EB-03 and WAN-AP1-EB-08, were collected with the sample set. Metals were not detected in the field blank at or above the MDLs, with the following exceptions.

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Calcium (0.052 mg/L and 0.039 mg/L) was detected at estimated concentrations greater than the MDL and less than the RL in equipment blanks WAN-AP1-EB-02 and WAN-AP1-EB-03, respectively. Since the associated samples were either nondetect or detected at concentrations greater than five times the blank contamination, no qualifications were applied to the data.

Barium (0.00043 mg/L) was detected at an estimated concentration greater than the MDL and less than the RL in equipment blank WAN-AP1-EB-03. Therefore, the estimated concentration of barium in sample WAN-WGWC-9 was U qualified as nondetect. Since remainder of the associated samples were either nondetect or detected at concentrations greater than five times the blank contamination, no qualifications were applied to those data.

Barium (0.00061 mg/L) was detected at an estimated concentration greater than the MDL and less than the RL in equipment blank WAN-AP1-EB-08. Since it was not reported in the associated sample, WAN-PZ-23D, 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-9	Barium	0.00049	J	0.010	U	BEL

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

1.8 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-WAMW-1, WAN-WGWC-24 and WAN-WAMW-2, with the following exceptions.

Lithium was detected in the field duplicate sample WAN-AP1-FD-01 at a concentration greater than the MDL and less than the RL and not detected in the parent sample WAN-WGWC-16, 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.

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 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 any 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 CCV associated with batch 80060 recovered above the upper control limit for Mercury. Since the associated samples were nondetect for mercury, no qualifications were applied to the data.

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, with the following exception.

Mercury (0.000431 mg/L) was detected in the method blank in batch 76261 at an estimated concentration greater than the MDL and less than the RL. Since the results in associated samples WAN-WGWA-1, WAN-WGWA-18, WAN-WGWA-2 and WAN-WGWA-4 were nondetect, no qualifications were applied to the data.

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 sample set specific MS/MSD pair was reported using sample WAN-WGWC-22. 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 do 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, WAN-AP1-EB-02, WAN-AP1-EB-03 and WAN-AP1-EB-08, 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-WAMW-1, WAN-WGWC-24 and WAN-WAMW-2.

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 any impact on data quality and usability.

✓ Overall Assessment
✓ Holding Times
✓ Method Blank
⊗ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
✓ Equipment Blank
✓ Field 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	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	28 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).

Four sample set specific MS/MSD pairs were reported for anions using samples WAN-WGWA-3, WAN-WGWA-18, WAN-WGWC-11 and WAN-PZ-23D.

Two sample set specific MS/MSD pairs were reported for sulfide using samples WAN-WGWC-28D and WAN-PZ-23D.

The recovery and RPD results were within the laboratory specified acceptance criteria, with the following exceptions.

The MSD recovery of fluoride in the MS/MSD pair using sample WAN-WGWA-3 was low and outside of laboratory specified acceptance criteria. Therefore, the nondetect result of fluoride in sample WAN-WGWA-3 was UJ qualified as estimated below the MDL.

The recoveries of chloride and fluoride in the MS/MSD pair using sample WAN-WGWA-18 were low and outside of laboratory specified acceptance criteria. Therefore, the nondetect result of fluoride in sample WAN-WGWA-18 was UJ qualified as estimated below the MDL, and the concentration of chloride was J- qualified as estimated with a low bias.

The recoveries of chloride and sulfate in the MS/MSD pair using sample WAN-PZ-23D were high and outside of laboratory specified acceptance criteria. Since the concentration of sulfate in sample WAN-PZ-23D was greater than four times the spike concentration and the MS/MSD results for chloride and sulfate were flagged E to indicate the results exceeded the calibration range, no qualifications were applied to the data.

The recoveries of sulfide in the MS/MSD pair using sample WAN-WGWC-28D were high and outside of laboratory specified acceptance criteria. Since sulfide was not detected in sample WAN-WGWC-28D, no qualifications were applied to the data.

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-WGWA-18	Fluoride	0.081	UF1	0.081	UJ	MS1
WAN-WGWA-18	Chloride	2.2	F1	2.2	J-	MS1
WAN-WGWA-3	Fluoride	0.081	UF1	0.081	UJ	MS1

mg/L-milligrams per liter
U-not detected at or above the MRL
F1- laboratory flag indicating the MS and/or MSD 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.

Fluoride (0.16, 0.18 and 0.18 mg/L) was detected at estimated concentrations greater than the MDL and less than the RL in field blanks WAN-AP1-FB-07, WAN-AP1-FB-08 and WAN-AP1-

FB-14, respectively, and detected at a concentration greater than the RL (0.20 mg/L) 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.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-AP1-EB-01	Fluoride	0.14	J	0.20	U	BFH
WAN-AP1-EB-02	Fluoride	0.16	J	0.20	U	BFH
WAN-AP1-EB-03	Fluoride	0.16	J	0.20	U	BFH
WAN-AP1-FD-01	Fluoride	0.25	NA	0.25	J+	BFH
WAN-AP1-FD-02	Fluoride	0.46	NA	0.46	J+	BFH
WAN-AP1-FD-03	Fluoride	0.28	NA	0.28	J+	BFH
WAN-AP1-FD-08	Fluoride	0.41	NA	0.41	J+	BFH
WAN-PZ-26D	Fluoride	0.33	NA	0.33	J+	BFH
WAN-PZ-31	Fluoride	0.20	NA	0.20	J+	BFH
WAN-WAMW-1	Fluoride	0.56	NA	0.56	J+	BFH
WAN-WAMW-2	Fluoride	0.44	NA	0.44	J+	BFH
WAN-WGWC-10	Fluoride	0.30	NA	0.30	J+	BFH
WAN-WGWC-11	Fluoride	0.17	J	0.18	U	BFH
WAN-WGWC-12	Fluoride	0.22	NA	0.22	J+	BFH
WAN-WGWC-13	Fluoride	0.26	NA	0.26	J+	BFH
WAN-WGWC-14A	Fluoride	0.20	NA	0.20	J+	BFH
WAN-WGWC-15	Fluoride	0.74	NA	0.74	J+	BFH
WAN-WGWC-16	Fluoride	0.23	NA	0.23	J+	BFH
WAN-WGWC-17	Fluoride	0.22	NA	0.22	J+	BFH
WAN-WGWC-19	Fluoride	0.45	NA	0.45	J+	BFH
WAN-WGWC-21	Fluoride	2.0	NA	2.0	J+	BFH
WAN-WGWC-22	Fluoride	0.34	NA	0.34	J+	BFH
WAN-WGWC-23	Fluoride	0.18	J	0.18	U	BFH
WAN-WGWC-24	Fluoride	0.28	NA	0.28	J+	BFH
WAN-WGWC-27	Fluoride	0.92	NA	0.92	J+	BFH
WAN-WGWC-28D	Fluoride	1.3	NA	1.3	J+	BFH
WAN-WGWC-8	Fluoride	1.0	NA	1.0	J+	BFH
WAN-WGWC-9	Fluoride	0.90	NA	0.90	J+	BFH

mg/L-milligrams per liter
NA-not applicable
J-result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

3.7 Equipment Blank

Four equipment blanks, WAN-AP1-EB-01, WAN-AP1-EB-02, WAN-AP1-EB-03 and WAN-AP1-EB-08, 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.

Fluoride (0.14, 0.16, 0.16 and 0.14 mg/L) was detected at an estimated concentration 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. Since the concentrations of fluoride in the associated samples were either previously qualified due to field blank contamination or greater than ten times the equipment blank concentration, no 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-WAMW-1, WAN-WGWC-24 and WAN-WAMW-2.

3.9 Laboratory Duplicate

Three sample set specific laboratory duplicates were reported for TDS using samples WAN-WGWC-8, WAN-WGWC-28D 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-WGWC-28D and WAN-PZ-23D. The RPD results were within the laboratory specified acceptance criteria.

Batch laboratory duplicates were reported for 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 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 any 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

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-WGWA-18 and WAN-WGWC-16 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 above the MDC, and based on professional and technical judgment, the total radium concentration in samples WAN-WGWA-18 and WAN-WGWC-16 were U qualified as not detected.

Total radium in sample WAN-AP1-EB-01 was not detected for the calculated, combined radium-226 and radium-228. Since radium-228 was detected in sample WAN-AP1-EB-01 at a concentration greater than the MDC, and based on professional and technical judgment, the total

radium concentration in sample WAN-AP1-EB-01 NA qualified as detected. Since the radium-228 concentration was UJ qualified as estimated below the RL due to method blank contamination, the final qualifier for the combined radium-226 and radium-228 concentration was UJ qualified as estimated below the RL.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-WGWA-18	Combined Radium 226 + 228	0.697	NA	0.697	U	RO1
WAN-WGWC-16	Combined Radium 226 + 228	0.940	NA	0.940	U	RO1
WAN-AP1-EB-01	Combined Radium 226 + 228	0.610	U	0.610	NA|UJ	RO1|BL

pCi/L-picocuries per liter
U-not detected at or above the MDC
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 (2.944 pCi/L) was detected in the method blank in batch 732900 at a concentration greater than the MDC. Therefore, the radium-228 concentrations with a mean difference greater than 2 and a concentration less than ten times the blank concentration for radium-228 in the associated samples were J qualified as estimated and the radium concentrations with a mean difference less than 2 in the associated samples were UJ qualified as not statistically distinguishable from the blank. In addition, the combined radium 226 + 228 concentration for samples WAN-AP1-EB-01, WAN-WGWA-7, WAN-WGWC-13, WAN-WGWC-15, WAN-WGWC-17 and WAN-WGWC-19 were UJ qualified as not statistically distinguishable from the blank.

Radium-228 (0.8413 pCi/L) was detected in the method blank in batch 732125 at a concentration greater than the MDC. Therefore, the radium-228 concentrations with a mean difference greater than 2 and a concentration less than ten times the blank concentration for radium-228 in the associated samples were J qualified as estimated and the radium concentrations with a mean

difference less than 2 in the associated samples were UJ qualified as not statistically distinguishable from the blank. In addition, the combined radium 226 + 228 concentrations for samples WAN-WGWA-4 and WAN-WGWA-6 were J qualified as estimated and the combined radium 226 + 228 concentration for samples WAN-WGWA-1 and WAN-WGWA-2 were UJ qualified as not statistically distinguishable from the blank.

Radium-228 (0.9169 pCi/L) was detected in the method blank in batch 737831 at a concentration greater than the MDC. Therefore, the radium-228 concentrations with a mean difference greater than 2 and a concentration less than ten times the blank concentration for radium-228 in the associated samples were J qualified as estimated and the radium concentrations with a mean difference less than 2 in the associated samples were UJ qualified as not statistically distinguishable from the blank. In addition, the combined radium 226 + 228 concentrations for samples WAN-WGWC-28D and WAN-WGWC-8 were J qualified as estimated and the combined radium 226 + 228 concentration for samples WAN-AP1-FB-07 and WAN-WGWC-25 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-EB-01	Radium-228	0.610	NA	0.610	UJ	BL
WAN-AP1-EB-01	Combined Radium 226 + 228	0.519	U	0.519	UJ	RO1|BL
WAN-AP1-FB-07	Radium-228	0.902	NA	0.902	UJ	BL
WAN-AP1-FB-07	Combined Radium 226 + 228	0.837	NA	0.837	UJ	BL
WAN-WGWA-1	Radium-228	1.05	NA	1.05	UJ	BL
WAN-WGWA-1	Combined Radium 226 + 228	1.13	NA	1.13	UJ	BL
WAN-WGWA-2	Radium-228	0.847	NA	0.847	UJ	BL
WAN-WGWA-2	Combined Radium 226 + 228	0.917	NA	0.917	UJ	BL
WAN-WGWA-4	Radium-228	1.47	NA	1.47	UJ	BL
WAN-WGWA-4	Combined Radium 226 + 228	2.07	NA	2.07	J	BL
WAN-WGWA-6	Radium-228	7.92	NA	7.92	J	BL
WAN-WGWA-6	Combined Radium 226 + 228	11.1	NA	11.1	J	BL
WAN-WGWA-7	Radium-228	0.701	NA	0.701	UJ	BL
WAN-WGWA-7	Combined Radium 226 + 228	0.701	NA	0.701	UJ	BL
WAN-WGWC-13	Radium-228	0.878	NA	0.878	UJ	BL
WAN-WGWC-13	Combined Radium 226 + 228	0.968	NA	0.968	UJ	BL

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-WGWC-15	Radium-228	0.948	NA	0.948	UJ	BL
WAN-WGWC-15	Combined Radium 226 + 228	0.907	NA	0.907	UJ	BL
WAN-WGWC-17	Radium-228	0.648	NA	0.648	UJ	BL
WAN-WGWC-17	Combined Radium 226 + 228	0.615	NA	0.615	UJ	BL
WAN-WGWC-19	Radium-228	0.956	NA	0.956	UJ	BL
WAN-WGWC-19	Combined Radium 226 + 228	0.998	NA	0.998	UJ	BL
WAN-WGWC-25	Radium-228	0.894	NA	0.894	UJ	BL
WAN-WGWC-25	Combined Radium 226 + 228	1.29	NA	1.29	UJ	BL
WAN-WGWC-28D	Radium-228	6.30	NA	6.30	J	BL
WAN-WGWC-28D	Combined Radium 226 + 228	8.52	NA	8.52	J	BL
WAN-WGWC-8	Radium-228	4.25	NA	4.25	J	BL
WAN-WGWC-8	Combined Radium 226 + 228	3.43	NA	3.43	J	BL

pCi/L-picocuries per liter
U-not detected at or above the MDC
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.

4.6 Laboratory Duplicate

Two sample set specific laboratory duplicates were reported for radium-226 and radium-228 using samples WAN-WGWC-17 and WAN-WGWC-23. 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

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.

Radium-228 (0.902 pCi/L) was detected in WAN-AP1-FB-07 at a concentration greater than the MDC. Since the radium-228 result in sample WAN-AP1-FB-07 was previously qualified due to method blank contamination, no further qualifications were applied to the data.

Radium-228 (0.727 pCi/L) was detected in WAN-AP1-FB-09 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 concentration for sample WAN-WGWC-21 was 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-WGWC-21	Radium-228	0.916	NA	0.916	UJ	BFH
WAN-WGWC-21	Combined Radium 226 + 228	1.14	NA	1.14	UJ	BFH

pCi/L-picocuries per liter
NA-not applicable

4.9 Equipment Blank

Three equipment blanks, WAN-AP1-EB-01, WAN-AP1-EB-02 and WAN-AP1-EB-03, 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 (0.610 pCi/L) was detected in WAN-AP1-EB-01 at concentrations greater than the MDC. Since WAN-AP1-EB-01 was previously qualified due to method blank contamination, no additional qualifications were applied to the data.

Radium-228 (0.399 pCi/L) was detected in WAN-AP1-EB-03 at a concentration greater than the measured 2σ uncertainty. Therefore, the radium-228 concentrations with a mean difference greater than 2 and a concentration less than ten times the blank concentration for radium-228 in the associated samples were J qualified as estimated and the radium concentrations with a mean difference less than 2 in the associated samples were UJ qualified as not statistically distinguishable from the blank. In addition, the combined radium 226 + 228 concentrations for samples WAN-WGWC-22, WAN-WGWC-24 and WAN-WGWC-27 were J qualified as estimated and the combined radium 226 + 228 concentration for sample WAN-AP1-FD-03 was 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-WGWA-7	Radium-228	0.701	NA	0.701	UJ	BEH
WAN-WGWA-7	Combined Radium 226 + 228	0.701	NA	0.701	UJ	BEH
WAN-WGWC-15	Radium-228	0.948	NA	0.948	UJ	BEH
WAN-WGWC-15	Combined Radium 226 + 228	0.907	NA	0.907	UJ	BEH
WAN-WGWC-17	Radium-228	0.648	NA	0.648	UJ	BEH
WAN-WGWC-17	Combined Radium 226 + 228	0.615	NA	0.615	UJ	BEH
WAN-AP1-FD-03	Radium-228	0.820	NA	0.820	UJ	BEH
WAN-AP1-FD-03	Combined Radium 226 + 228	0.805	NA	0.805	UJ	BEH
WAN-WGWC-22	Radium-228	3.76	NA	3.76	J	BEH
WAN-WGWC-22	Combined Radium 226 + 228	5.52	NA	5.52	J	BEH
WAN-WGWC-24	Radium-228	0.908	NA	0.908	UJ	BEH
WAN-WGWC-24	Combined Radium 226 + 228	1.28	NA	1.28	J	BEH
WAN-WGWC-27	Radium-228	2.25	NA	2.25	J	BEH
WAN-WGWC-27	Combined Radium 226 + 228	2.97	NA	2.97	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-WAMW-1, WAN-WGWC-24 and WAN-WAMW-2.

4.11 Sensitivity

The samples were reported to the MDCs. No elevated non-detect results were reported. The radium-228 result was sample WAN-PZ-31 was flagged "G" to indicate the MDC exceeded the requested RL.

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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 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 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.

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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:	12 December 2025
To:	Robert Singleton
From:	Ashley Wilson
CC:	Kristoffer Henderson
Subject:	**Stage 2A Data Validation - Level II Data Deliverable – Eurofins Laboratory Job ID 705-40790-1, 705-40790-2, 705-40816-1, 705-41240-1 and 705-41240-2**

SITE: Plant Wansley Ash Pond - Quarterly

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of twenty water samples, two equipment blanks, two field blanks and two field duplicates, collected 20-21 and 25-27 August 2025, as part of the Plant Wansley Ash Pond on-site sampling event. The 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
- 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
705-40790-1	WAN-WGWC-42
705-40790-2	WAN-WGWC-30
705-40790-3	WAN-WGWC-33
705-40790-4	WAN-WGWC-32
705-40790-5	WAN-AP1-FD-09
705-40790-6	WAN-WGWC-40
705-40790-7	WAN-AP1-EB-09
705-40790-8	WAN-WGWC-31S
705-40790-9	WAN-AP1-FB-15
705-40790-10	WAN-WGWC-38D
705-40790-11	WAN-WGWC-41
705-40790-12	WAN-WGWC-31D
705-40790-13	WAN-WGWC-38S

Laboratory IDs	Client IDs
705-40790-14	WAN-WGWC-39
705-40790-15	WAN-AP1-EB-10
705-40790-16	WAN-WGWC-36S
705-40790-17	WAN-WGWC-37S
705-40790-18	WAN-WGWC-34D
705-40816-1	WAN-WGWC-31D
705-41240-1	WAN-WGWC-34S
705-41240-2	WAN-AP1-FB-16
705-41240-3	WAN-WGWC-35D
705-41240-4	WAN-WGWC-35S
705-41240-5	WAN-WGWC-36D
705-41240-6	WAN-WGWC-37D
705-41240-7	WAN-AP1-FD-10

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 time was not listed on the COC for the field duplicate samples, WAN-AP1-FD-09 and WAN-AP1-FD-10. The laboratory logged the sample 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 any 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 exception.

705-41240-1: Boron (0.192 mg/L) was detected in the method blank in batch 79432 at a concentration greater than the reporting limit (RL). Therefore, the estimated concentrations of boron in the associated samples were U qualified as not detected above the RL.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	Reason Code**
WAN-AP1-FD-10	Boron	0.078	JB	0.080	U	BL

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	Reason Code**
WAN-WGWC-37D	Boron	0.078	JB	0.080	U	BL

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
B-compound was found in the blank and sample
* 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). Three sample set specific MS/MSD pairs were reported using samples WAN-WGWC-42, WAN-WGWC-30 and WAN-WGWC-34S. The recovery and relative percent difference (RPD) results were within the laboratory specified acceptance criteria, with the following exceptions.

The recoveries of beryllium in the MS/MSD pair using sample WAN-WGWC-30 were low and outside of laboratory specified acceptance criteria. Therefore, the concentration of beryllium in sample WAN-WGWC-30 was J+ qualified as estimated with high bias. Since the beryllium concentration was estimated greater than the MDL and less than the RL, the final qualification was J qualified as estimated.

The RPD on selenium in the MS/MSD pair using sample WAN-WGWC-30 was outside of laboratory specified acceptance criteria. Since selenium was not detected in sample WAN-WGWC-30, no qualifications were applied to the data.

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-30	Beryllium	0.00039	JF1	0.00039	J	MS1

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
F1- laboratory flag indicating the MS and/or MSD was outside acceptance criteria

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.

1.7 Equipment Blank

Two equipment blanks, WAN-AP1-EB-09 and WAN-AP1-EB-10, were collected with the sample set. Metals were not detected in the field blank at or above the MDLs, with the following exceptions.

Molybdenum (0.0013 mg/L) was detected at an estimated concentration greater than the MDL and less than the RL, and cobalt (0.023 mg/L) and barium (0.091 mg/L) were detected at concentrations greater than the RL in equipment blank WAN-AP1-EB-10. Therefore, the concentrations of barium and cobalt less than the equipment blank concentration were U qualified as not detected above the RL and the detected concentrations greater than the equipment blank concentration were J+ qualified as estimated with a high bias. No qualifications were applied to data in the associated samples that were either nondetect or detected at concentrations greater than five times the blank contamination.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-WGWC-31D	Cobalt	0.00044	J	0.023	U	BEH
WAN-WGWC-31D	Barium	0.0050	J	0.091	U	BEH
WAN-WGWC-34D	Barium	0.065	NA	0.091	U	BEH
WAN-WGWC-36S	Barium	0.057	NA	0.091	U	BEH
WAN-WGWC-38S	Cobalt	0.031	NA	0.031	J+	BEH
WAN-WGWC-38S	Barium	0.11	NA	0.11	J+	BEH
WAN-WGWC-39	Cobalt	0.0078	NA	0.023	U	BEH
WAN-WGWC-39	Barium	0.059	NA	0.091	U	BEH
WAN-WGWC-41	Barium	0.0019	J	0.091	U	BEH

mg/L-milligrams per liter
NA-not applicable
J-result is less than the RL but greater than or equal to the MDL 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-42 and WAN-WGWC-37D.

1.9 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were not reported.

1.10 Electronic Data Deliverable (EDD) 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 any 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). Two sample set specific MS/MSD pairs were reported using samples WAN-AP1-EB-09 and WAN-WGWC-31D. The recovery and RPD results were within the laboratory specified acceptance criteria, with the following exception.

The RPD of mercury in the MS/MSD pair using sample WAN-AP1-EB-09 was outside of laboratory specified acceptance criteria. Since mercury was nondetect in sample WAN-AP1-EB-09, no qualifications were applied to the data.

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

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 (0.00028 mg/L) was detected in field blank, WAN-AP1-FB-16, at a concentration greater 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 and WAN-AP1-EB-10, 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-42 and WAN-WGWC-37D.

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 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 any 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	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).

Four sample set specific MS/MSD pairs were reported for anions using samples WAN-WGWC-42, WAN-AP1-EB-09, WAN-WGWC-41 and WAN-WGWC-34S. The recovery and RPD results were within the laboratory specified acceptance criteria, with the following exceptions.

The recoveries of chloride and fluoride in the MS/MSD pair using sample WAN-AP1-EB-09 were low and outside of laboratory specified acceptance criteria. Therefore, the concentrations of chloride and fluoride for sample WAN-AP1-EB-09 were J- qualified as estimated with a low bias.

One or both recoveries of chloride and fluoride 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 fluoride were J- qualified as estimated with a low bias.

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-EB-09	Fluoride	0.29	F1	0.29	J-	MS1
WAN-AP1-EB-09	Chloride	1.4	F1	1.4	J-	MS1

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-WGWC-41	Fluoride	0.70	F1	0.70	J-	MS1
WAN-WGWC-41	Chloride	2.8	F1	2.8	J-	MS1

mg/L-milligrams per liter
F1- laboratory flag indicating the MS and/or MSD 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. The wet chemistry parameters were not detected in the field blanks at or above the MDLs, with the following exceptions.

Fluoride (0.35 mg/L) and TDS (11.0 mg/L) were detected in field blank, WAN-AP1-FB-15, at concentrations greater than the RL. Therefore, the concentrations of fluoride and TDS less than the equipment blank concentration were U qualified as not detected above the RL and the detected concentrations greater than the equipment blank concentration were J+ qualified as estimated with a high bias. No qualifications were applied to data in the associated samples that were either nondetect or detected at concentrations greater than ten times the blank contamination.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-AP1-EB-09	Fluoride	0.29	F1	0.35	U	BFH
WAN-AP1-FD-09	Fluoride	0.20	NA	0.35	U	BFH
WAN-AP1-FD-09	Total Dissolved Solids	58	NA	58	J+	BFH
WAN-WGWC-30	Fluoride	0.18	J	0.35	U	BFH
WAN-WGWC-30	Total Dissolved Solids	56	NA	56	J+	BFH
WAN-WGWC-31S	Fluoride	0.24	NA	0.35	U	BFH
WAN-WGWC-31S	Total Dissolved Solids	78	NA	78	J+	BFH
WAN-WGWC-32	Fluoride	0.25	NA	0.35	U	BFH
WAN-WGWC-33	Fluoride	0.96	NA	0.35	J+	BFH
WAN-WGWC-38D	Fluoride	0.32	NA	0.35	U	BFH
WAN-WGWC-40	Fluoride	0.16	J	0.35	U	BFH

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-WGWC-40	Total Dissolved Solids	41	NA	41	J+	BFH
WAN-WGWC-42	Fluoride	0.15	J	0.35	U	BFH
WAN-WGWC-42	Total Dissolved Solids	47	NA	47	J+	BFH

mg/L-milligrams per liter
NA-not applicable
J-result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
U-not detected at or above the MRL
F1- laboratory flag indicating the MS and/or MSD was outside acceptance criteria

3.7 Equipment Blank

Two equipment blanks, WAN-AP1-EB-09 and WAN-AP1-EB-10, were collected with the sample set. The wet chemistry parameters were not detected in the equipment blanks at or above the MDLs, with the following exceptions.

Fluoride (0.29 mg/L) and chloride (1.4 mg/L) were detected in WAN-AP1-EB-09 at concentrations greater than the RL. Therefore, the concentrations of chloride less than the blank contamination were U qualified as nondetect and the concentrations greater than the blank concentration and less than 10 times the blank concentration were J+ qualified as estimated with a high bias. Since fluoride was previously qualified in WAN-AP1-FB-15, no additional qualifications were applied to the data.

Chloride (1.2 mg/L) and sulfate (1.4 mg/L) were detected in WAN-AP1-EB-10 at concentrations greater than the RL. Therefore, the concentrations of chloride greater than the blank contamination and less than 10 times the blank concentration were J+ qualified as estimated with a high bias. Since the concentrations of sulfate in the associated samples were greater than ten times the blank concentration, 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	Chloride	7.7	NA	7.7	J+	BEH
WAN-WGWC-30	Chloride	1.3	NA	1.4	U	BEH
WAN-WGWC-31S	Chloride	3.0	NA	3.0	J+	BEH
WAN-WGWC-32	Chloride	4.3	NA	4.3	J+	BEH
WAN-WGWC-39	Chloride	2.1	NA	2.1	J+	BEH
WAN-WGWC-40	Chloride	12	NA	12	J+	BEH
WAN-WGWC-41	Chloride	2.8	F1	2.8	J+	BEH

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-WGWC-42	Chloride	7.4	NA	7.4	J+	BEH

mg/L-milligrams per liter
NA-not applicable
F1- laboratory flag indicating the MS and/or MSD was outside acceptance criteria

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-42 and WAN-WGWC-37D, with the following exception.

Fluoride was detected in WAN-AP1-FD-09 at a concentration greater than the RL and detected at an estimated concentration greater than the MDL and less than the RL in parent sample WAN-WGWC-42, resulting in a noncalculable RPD. Since the concentrations were within an RL of each other, no qualifications were applied to the data.

Fluoride was detected in the field duplicate sample WAN-AP1-FD-10 at a concentration greater than the MDL and less than the RL and not detected in the parent sample WAN-WGWC-37D, 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.

The sulfate RPD for field duplicate pair WAN-AP1-FD-10/ WAN-WGWC-37D were greater than 50%. Therefore, the sulfate concentrations in this field duplicate pair 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-02	Sulfate	11	NA	104	11	J	RPDF1
WAN-WGWC-16	Sulfate	35	NA		35	J	RPDF1

mg/L-milligrams per liter
NA-not applicable

3.9 Laboratory Duplicate

One sample set specific laboratory duplicate was reported using sample, WAN-WGWC-38D. The RPD result was within the laboratory specified acceptance criteria.

A batch laboratory duplicate was also reported for TDS. Since these were 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.

3.12 Final Validation Qualifier Reconciliation

The fluoride result in the table below had two or more different qualifications due to multiple QC failures. Based on professional and technical judgement, the final validation qualifier for the fluoride concentration in sample WAN-AP1-EB-09 was UJ qualified as estimated below the RL due to low recovery.

The chloride result in the table below had two or more different qualifications due to multiple QC failures. Based on professional and technical judgement, the final validation qualifier for the chloride concentration in sample WAN-WGWC-41 was J qualified as estimated.

Sample	Analyte	Laboratory Result (mg/L)	Validation Result (mg/L)	Validation Qualifiers	Reason Codes	Final Validation Qualifier
WAN-AP1-EB-09	Fluoride	0.20	0.35	U,J-	BFH,MS1	UJ
WAN-WGWC-41	Chloride	2.8	2.8	J,J-	BEH,MS1	J

mg/L-milligrams per liter
F1- laboratory flag indicating the MS and/or MSD was outside acceptance criteria

4.0 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 any 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

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-31D, WAN-AP1-FB-16 and WAN-WGWC-34S was detected at concentrations 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 above the MDC, and based on professional and technical judgment, the total radium concentrations in samples WAN-WGWC-31D, WAN-AP1-FB-16 and WAN-WGWC-34S were U qualified as not detected.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-WGWC-31D	Combined Radium 226 + 228	1.22	NA	1.22	U	RO1
WAN-AP1-FB-16	Combined Radium 226 + 228	0.508	NA	0.508	U	RO1
WAN-WGWC-34S	Combined Radium 226 + 228	0.545	NA	0.545	U	RO1

pCi/L-picocuries per liter
U-not detected at or above the MDC
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-226 (0.1321 pCi/L) was detected in the method blank in batch 734888 at a concentration greater than the TPU. Therefore, the radium-226 concentrations with a mean difference greater than 2 and a concentration less than ten times the blank concentration for radium-228 in the associated samples were J qualified as estimated and the radium concentrations with a mean difference less than 2 in the associated samples were UJ qualified as not statistically distinguishable from the blank. In addition, the combined radium 226 + 228 concentrations for samples WAN-WGWC-35D, WAN-WGWC-35S, WAN-WGWC-36D were UJ qualified as not statistically distinguishable from the blank, and the combined radium 226 + 228 concentrations for sample WAN-WGWC-37D was J qualified as estimated.

Radium-228 (0.5959 pCi/L) was detected in the method blank in batch 734889 at a concentration greater than the MDC. Therefore, the radium-228 concentrations with a mean difference greater than 2 and a concentration less than ten times the blank concentration for radium-228 in the associated samples were J qualified as estimated and the radium concentrations with a mean difference less than 2 in the associated samples were UJ qualified as not statistically distinguishable from the blank. In addition, the combined radium 226 + 228 concentrations for samples WAN-WGWC-35S and WAN-WGWC-36D were UJ qualified as not statistically distinguishable from the blank, and the combined radium 226 + 228 concentrations for samples WAN-AP1-FD-10 and WAN-WGWC-37D were J qualified as estimated.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-WGWC-35D	Radium-226	0.402	NA	0.402	UJ	BL
WAN-WGWC-35D	Combined Radium 226 + 228	0.592	NA	0.592	UJ	BL
WAN-WGWC-35S	Radium-226	0.208	NA	0.208	UJ	BL
WAN-WGWC-36D	Radium-226	0.342	NA	0.342	UJ	BL
WAN-WGWC-37D	Radium-226	0.868	NA	0.868	J	BL
WAN-AP1-FD-10	Radium-228	3.09	NA	3.09	J	BL
WAN-AP1-FD-10	Combined Radium 226 + 228	4.58	NA	4.58	J	BL

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-WGWC-35S	Radium-228	0.912	NA	0.912	UJ	BL
WAN-WGWC-35S	Combined Radium 226 + 228	1.12	NA	1.12	UJ	BL
WAN-WGWC-36D	Radium-228	1.12	NA	1.12	UJ	BL
WAN-WGWC-36D	Combined Radium 226 + 228	1.47	NA	1.47	UJ	BL
WAN-WGWC-37D	Radium-228	2.30	NA	2.30	J	BL
WAN-WGWC-37D	Combined Radium 226 + 228	3.17	NA	3.17	J	BL

pCi/L-picocuries per liter
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

Laboratory duplicates were reported with the sample set for radium-226 and radium-228 using sample WAN-WGWC-38S. The replicate error ratio (RER) [2 sigma (2σ)] results were within the laboratory specified acceptance criteria.

Batch laboratory duplicates 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

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 (0.862 pCi/L) was detected in WAN-AP1-FB-15 at a concentration greater than the MDC. Therefore, the radium-228 concentrations with a mean difference greater than 2 and a concentration less than ten times the blank concentration for radium-228 in the associated samples were J qualified as estimated and the radium concentrations with a mean difference less than 2 in the associated samples were UJ qualified as not statistically distinguishable from the blank. In addition, the combined radium 226 + 228 concentrations for samples WAN-AP1-FD-09, WAN-WGWC-32 and WAN-WGWC-40 were J qualified as estimated and the combined radium 226 + 228 concentrations for samples WAN-WGWC-30, WAN-WGWC-31S and WAN-WGWC-42 were UJ qualified as not statistically distinguishable from the blank.

Radium-228 (0.471 pCi/L) was detected in WAN-AP1-FB-16 at a concentration greater than the measured 2σ uncertainty. Since the radium-228 concentrations in the associated samples were previously qualified due to method blank contamination, no additional qualifications were applied to the data.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-AP1-FD-09	Radium-228	1.93	NA	1.93	J	BFH
WAN-AP1-FD-09	Combined Radium 226 + 228	2.13	NA	2.13	J	BFH
WAN-WGWC-30	Radium-228	1.06	NA	1.06	UJ	BFH
WAN-WGWC-30	Combined Radium 226 + 228	1.38	NA	1.38	UJ	BFH
WAN-WGWC-31S	Radium-228	0.731	NA	0.731	UJ	BFH
WAN-WGWC-31S	Combined Radium 226 + 228	1.05	NA	1.05	UJ	BFH
WAN-WGWC-32	Radium-228	2.54	NA	2.54	J	BFH
WAN-WGWC-32	Combined Radium 226 + 228	4.91	NA	4.91	J	BFH
WAN-WGWC-40	Radium-228	1.86	NA	1.86	J	BFH
WAN-WGWC-40	Combined Radium 226 + 228	2.52	NA	2.52	J	BFH
WAN-WGWC-42	Radium-228	0.929	NA	0.929	UJ	BFH

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-WGWC-42	Combined Radium 226 + 228	1.25	NA	1.25	UJ	BFH

pCi/L-picocuries per liter
NA-not applicable

4.9 Equipment Blank

Two equipment blanks, WAN-AP1-EB-09 and WAN-AP1-EB-10, 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 (0.339 pCi/L) was detected in WAN-AP1-EB-09 at concentrations greater than the MDC. Therefore, the radium-226 concentrations with a mean difference greater than 2 and a concentration less than ten times the blank concentration for radium-226 in the associated samples were J qualified as estimated and the radium concentrations with a mean difference less than 2 in the associated samples were UJ qualified as not statistically distinguishable from the blank. In addition, the combined radium 226 + 228 concentrations for samples WAN-WGWC-32, WAN-WGWC-38D and WAN-WGWC-40 were J qualified as estimated.

Radium-226 (0.470 pCi/L) and radium-228 (0.811 pCi/L) were detected in WAN-AP1-EB-10 at a concentration greater than the MDC. Therefore, the radium-228 concentrations with a mean difference greater than 2 and a concentration less than ten times the blank concentration for radium-228 in the associated samples were J qualified as estimated and the radium concentrations with a mean difference less than 2 in the associated samples were UJ qualified as not statistically distinguishable from the blank. In addition, the combined radium 226 + 228 concentrations for samples WAN-WGWC-37S, WAN-WGWC-39 and WAN-WGWC-41 were J qualified as estimated, and the combined radium 226 + 228 concentrations for samples WAN-WGWC-34D, WAN-WGWC-36S and WAN-WGWC-38S were UJ qualified as not statistically distinguishable from the blank.

Sample	Analyte	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validator Qualifiers	Reason Code
WAN-WGWC-32	Radium-226	2.37	NA	2.37	J	BEH
WAN-WGWC-32	Combined Radium 226 + 228	4.91	NA	4.91	J	BEH
WAN-WGWC-34D	Radium-226	0.754	NA	0.754	UJ	BEH
WAN-WGWC-34D	Radium-228	0.750	NA	0.750	UJ	BEH
WAN-WGWC-34D	Combined Radium 226 + 228	1.50	NA	1.50	UJ	BEH

Sample	Analyte	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validator Qualifiers	Reason Code
WAN-WGWC-36S	Radium-226	0.538	NA	0.538	UJ	BEH
WAN-WGWC-36S	Combined Radium 226 + 228	1.05	NA	1.05	UJ	BEH
WAN-WGWC-37S	Radium-226	3.04	NA	3.04	J	BEH
WAN-WGWC-37S	Radium-228	6.15	NA	6.15	J	BEH
WAN-WGWC-37S	Combined Radium 226 + 228	9.19	NA	9.19	J	BEH
WAN-WGWC-38D	Radium-226	2.59	NA	2.59	J	BEH
WAN-WGWC-38D	Combined Radium 226 + 228	14.8	NA	14.8	J	BEH
WAN-WGWC-38S	Radium-226	0.424	NA	0.424	UJ	BEH
WAN-WGWC-38S	Radium-228	1.45	NA	1.45	UJ	BEH
WAN-WGWC-38S	Combined Radium 226 + 228	1.88	NA	1.88	UJ	BEH
WAN-WGWC-39	Radium-226	0.888	NA	0.888	UJ	BEH
WAN-WGWC-39	Radium-228	1.28	NA	1.28	J	BEH
WAN-WGWC-39	Combined Radium 226 + 228	2.17	NA	2.17	J	BEH
WAN-WGWC-40	Radium-226	0.661	NA	0.661	UJ	BEH
WAN-WGWC-40	Radium-228	1.86	NA	1.86	J	BEH
WAN-WGWC-40	Combined Radium 226 + 228	2.52	NA	2.52	J	BEH
WAN-WGWC-41	Radium-226	1.26	NA	1.26	J	BEH
WAN-WGWC-41	Radium-228	3.59	NA	3.59	J	BEH
WAN-WGWC-41	Combined Radium 226 + 228	4.84	NA	4.84	J	BEH

pCi/L-picocuries per liter
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) ≤ 3σ, RPD < 20% or difference < RL] was demonstrated between the field duplicate and the original samples, WAN-WGWC-42 and WAN-WGWC-37D, with the following exception.

The MD of radium-226 for field duplicate pair WAN-AP1-FD-10/WAN-WGWC-37D was greater than 3. Therefore, the concentrations of radium-226 in the field duplicate pair were J qualified as estimated.

Sample	Analyte	Laboratory Result (pCi/L)	Laboratory Flag	MD (σ)	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-AP1-FD-10	Radium-226	1.49	NA	3.2	1.49	J	RPDF1
WAN-WGWC-37D	Radium-226	0.868	NA		0.868	J	RPDF1

pCi/L-picocuries per liter
NA-not applicable

4.11 Sensitivity

The samples were reported to the MDCs. No elevated non-detect results were reported.

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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 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 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.

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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:	21 January 2026
To:	Robert Singleton
From:	Ashley Wilson
CC:	Kristoffer Henderson, Colleen Small
Subject:	**Stage 2A Data Validation - Level II Data Deliverables – Eurofins Laboratory Job ID 705-49212-1, Revision 1, 705-49212-2, 705-49432-1, and 705-49432-2**

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 10-13 November 2025, as part of the Plant Wansley Ash Pond on-site sampling event. The samples were submitted and 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

Subsets of the samples were subcontracted to Eurofins St. Louis, in Earth City, Missouri and analyzed for the following 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
705-49212-1	WAN-WGWC-31S
705-49212-2	WAN-WGWC-32
705-49212-3	WAN-WGWC-34D
705-49212-4	WAN-WGWC-34S
705-49212-5	WAN-WGWC-36D
705-49212-6	WAN-WGWC-37D
705-49212-7	WAN-WGWC-38D
705-49212-8	WAN-WGWC-40
705-49212-9	WAN-WGWC-42
705-49212-10	WAN-AP1-FB-15
705-49212-11	WAN-AP1-FD-09
705-49212-12	WAN-AP1-EB-09

Laboratory IDs	Client IDs
705-49432-1	WAN-WGWC-31D
705-49432-2	WAN-WGWC-33
705-49432-3	WAN-WGWC-35S
705-49432-4	WAN-AP1-EB-10
705-49432-5	WAN-WGWC-30
705-49432-6	WAN-WGWC-36S
705-49432-7	WAN-WGWC-37S
705-49432-8	WAN-WGWC-38S
705-49432-9	WAN-WGWC-39
705-49432-10	WAN-AP1-FD-10
705-49432-11	WAN-AP1-FB-16
705-49432-12	WAN-WGWC-35D

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 for project numbers 705-49432-1 and 705-49432-2, 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 COCs for the field duplicate samples, WAN-AP1-FD-09 and WAN-AP1-FD-10. The laboratory logged the sample in with the collection time of 00:00.

The laboratory report for project number 705-49212-1 was revised on 1 December 2025 to correct the client sample IDs for samples WAN-AP1-FB-15, WAN-AP1-FD-09, and WAN-AP1-EB-09. The revised report is identified as 705-49212-1, Revision 1.

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 any 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 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

705-49432-1: The case narrative indicated that continuing calibration verification (CCV) associated with preparatory QC in batch 95804 failed low for silver, chromium, lead, and zinc, which impacts the boron data. Since the CCVs that bracket the associated samples were within the acceptance criteria and the boron results in the preparatory QC were acceptable, no qualifications were applied to the data, based on professional and technical judgement.

705-49432-1: The CCV associated with batch 97111 recovered above the upper control limit for beryllium. Therefore, the estimated concentration of beryllium in sample WAN-WGWC-39 was J+ qualified as estimated with a high bias. However, since the beryllium concentration in sample

WAN-WGWC-39 was J-flagged by the laboratory indicating that the quantitation is estimated, the final validation qualifier was J qualified as estimated. A non-directional qualification is used when both a directional and non-directional qualification are applied to the same result. Since beryllium was not detected in the remaining associated samples, no qualifications were applied to those data.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	DQM Reason Code**
WAN-WGWC-39	Beryllium	0.00041	J^+	0.00041	J	CC2

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
^+-continuing calibration verification (CCV) is outside acceptance limits, biased high
* Validation qualifiers are defined in Attachment 1 at the end of this report
**EQuIS Data Qualification Module (DQM) Reason codes are defined in Attachment 2 at the end of this report

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 exception.

705-49432-1: Selenium (0.00372 mg/L) was detected in the method blank in batch 96907 at a concentration greater than the MDL and less than the reporting limit (RL). Therefore, the estimated concentrations of selenium in the associated samples were U qualified as not detected above the RL and the detected concentrations greater than the RL and 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*	DQM Reason Code**
WAN-AP1-FD-10	Selenium	0.0032	JB	0.0050	U	BL
WAN-WGWC-36S	Selenium	0.0029	JB	0.0050	U	BL
WAN-WGWC-37S	Selenium	0.019	B	0.019	J+	BL
WAN-WGWC-38S	Selenium	0.0043	JB	0.0050	U	BL
WAN-WGWC-39	Selenium	0.0026	JB	0.0050	U	BL

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
B-compound was found in the blank and sample

1.4 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

Sample set specific MS/MSDs were not reported. However, 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 (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.

1.7 Equipment Blank

Two equipment blanks, WAN-AP1-EB-09 and WAN-AP1-EB-10, were collected with the sample set. Metals were not detected in the equipment blanks at or above the MDLs, with the following exceptions.

705-49432-1: Barium (0.033 mg/L) and cobalt (0.0083 mg/L) were detected at concentrations greater than the RL in equipment blank WAN-AP1-EB-10. Therefore, based on professional and technical judgement, estimated concentrations of barium and cobalt were U qualified as not detected at the RL, the samples concentrations of barium and cobalt that were greater than the RL and less than the equipment blank concentrations were U qualified as not detected above the sample concentrations, and the detected concentrations greater than the equipment blank concentrations and less than ten times the blank contamination were J+ qualified as estimated with a high bias. No qualifications were applied to data in the associated samples that were either non-detect or detected at concentrations greater than ten times the blank contamination.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	DQM Reason Code
WAN-AP1-FD-10	Barium	0.026	NA	0.026	U	BEH
WAN-WGWC-30	Barium	0.026	NA	0.026	U	BEH
WAN-WGWC-31D	Barium	0.00062	J	0.010	U	BEH
WAN-WGWC-33	Cobalt	0.00046	J	0.0050	U	BEH
WAN-WGWC-33	Barium	0.0038	J	0.010	U	BEH
WAN-WGWC-35S	Cobalt	0.0024	J	0.0050	U	BEH

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	DQM Reason Code
WAN-WGWC-35S	Barium	0.013	NA	0.013	U	BEH
WAN-WGWC-36S	Cobalt	0.026	NA	0.026	J+	BEH
WAN-WGWC-36S	Barium	0.086	NA	0.086	J+	BEH
WAN-WGWC-38S	Cobalt	0.031	NA	0.031	J+	BEH
WAN-WGWC-38S	Barium	0.11	NA	0.11	J+	BEH
WAN-WGWC-39	Cobalt	0.0088	NA	0.0088	J+	BEH
WAN-WGWC-39	Barium	0.053	NA	0.053	J+	BEH

mg/L-milligrams per liter
NA-not applicable
J-result is less than the RL but greater than or equal to the MDL 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-40 and WAN-WGWC-30, respectively, with the following exceptions.

705-49212-1: Boron was not detected in field duplicate sample WAN-AP1-FD-09 and detected at an estimated concentration greater than the MDL and less than the RL in parent sample WAN-WGWC-40, resulting in a noncalculable RPD result. Since the absolute difference between the results was less than the RL, no qualifications were applied to the data.

705-49212-1: The lead RPD for field duplicate pair WAN-AP1-FD-09/WAN-WGWC-40 was greater than 30%. Therefore, the lead concentrations in this field duplicate pair were J qualified as estimated

705-49432-1: Selenium was detected in the field duplicate sample WAN-AP1-FD-10 at a concentration greater than the MDL and less than the RL and not detected in the parent sample WAN-WGWC-30, resulting in a noncalculable RPD result. Since the absolute difference between the results 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	DQM Reason Code
WAN-AP1-FD-09	Lead	0.0022	NA	75	0.0022	J	RPDF1
WAN-WGWC-40	Lead	0.0010	NA		0.001	J	RPDF1

mg/L-milligrams per liter
NA-not applicable

1.9 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were not reported.

1.10 Electronic Data Deliverable (EDD) 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 any 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

Sample set specific MS/MSDs were not reported. However, 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.

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 MDL.

2.7 Equipment Blank

Two equipment blanks, WAN-AP1-EB-09 and WAN-AP1-EB-10, were collected with the sample set. Mercury was not detected in the equipment blanks at or above the MDL.

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 $\leq$30%) was demonstrated between the field duplicates and the original samples, WAN-WGWC-40 and WAN-WGWC-30, respectively.

2.9 Sensitivity

The samples were reported to the MDL. Elevated non-detect results were not reported.

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 any 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	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).

Three sample set specific MS/MSD pairs were reported for anions using samples WAN-WGWC-31S, WAN-AP1-EB-09, and WAN-WGWC-39. 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 do not affect the samples in this data set and qualifications were not applied to the data.

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 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.

705-49432-1: Fluoride (0.13 mg/L) was detected in field blank, WAN-AP1-FB-16, at an estimated concentration greater than the MDL and less than the RL. Therefore, the estimated concentrations of fluoride were U qualified as not detected above the RL and the detected concentrations greater than the RL and less than five times the blank contamination were J+ qualified as estimated with a high bias. No qualifications were applied to data in the associated samples that were either non-detect or detected at concentrations greater than five times the blank contamination.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	DQM Reason Code
WAN-AP1-EB-10	Fluoride	0.11	J	0.20	U	BFH
WAN-AP1-FD-10	Fluoride	0.12	J	0.20	U	BFH
WAN-WGWC-30	Fluoride	0.12	J	0.20	U	BFH

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	DQM Reason Code
WAN-WGWC-35D	Fluoride	0.28	NA	0.28	J+	BFH
WAN-WGWC-35S	Fluoride	0.34	NA	0.34	J+	BFH
WAN-WGWC-36S	Fluoride	0.26	NA	0.26	J+	BFH
WAN-WGWC-37S	Fluoride	0.34	NA	0.34	J+	BFH
WAN-WGWC-38S	Fluoride	0.17	J	0.20	U	BFH
WAN-WGWC-39	Fluoride	0.22	NA	0.22	J+	BFH

mg/L-milligrams per liter
NA-not applicable
J-result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

3.7 Equipment Blank

Two equipment blanks, WAN-AP1-EB-09 and WAN-AP1-EB-10, were collected with the sample set. The wet chemistry parameters were not detected in the equipment blanks at or above the MDLs, with the following exceptions.

705-49432-1: Fluoride (0.11 mg/L) and sulfate (0.79 mg/L) were detected in WAN-AP1-EB-10 at estimated concentrations greater than the MDL and less than the RL. Therefore, the concentrations of sulfate greater than the RL and less than 5 times the blank concentration were J+ qualified as estimated with a high bias and the estimated concentrations were U qualified as not detected above the RL. Since fluoride results were qualified based on associated field blank contamination, no additional qualifications were applied to the data.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	DQM Reason Code
WAN-WGWC-30	Sulfate	0.83	J	1.0	U	BEH
WAN-WGWC-35D	Sulfate	1.7	NA	1.7	J+	BEH
WAN-WGWC-35S	Sulfate	3.8	NA	3.8	J+	BEH
WAN-WGWC-37S	Sulfate	3.0	NA	3.0	J+	BEH

mg/L-milligrams per liter
NA-not applicable
J-result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

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-40 and WAN-WGWC-30, respectively, with the following exceptions.

705-49212-1: The sulfate RPD for field duplicate pair WAN-AP1-FD-09/ WAN-WGWC-40 was greater than 30%. Therefore, the sulfate concentrations in this field duplicate pair were J qualified as estimated.

705-49432-1: Sulfate was detected in the field duplicate sample WAN-AP1-FD-10 at a concentration greater than the MDL and less than the RL and not detected in the parent sample WAN-WGWC-30, resulting in a noncalculable RPD result. Since the absolute difference between the results 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	DQM Reason Code
WAN-AP1-FD-09	Sulfate	2.2	NA	44	2.2	J	RPDF1
WAN-WGWC-40	Sulfate	1.4	NA		1.4	J	RPDF1

mg/L-milligrams per liter
NA-not applicable

3.9 Laboratory Duplicate

Batch laboratory duplicates were reported for TDS. Since these were 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 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 any 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
✓ Final Validation Qualifier Reconciliation

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

705-49212-2 and 705-49432-2: Total radium in samples WAN-AP1-FB-15 and WAN-WGWC-36S was detected at concentrations greater than the associated minimum detectable concentration (MDC) for the calculated combined radium-226 and radium-228 results. Since radium-226 and radium-228 were not detected above the associated MDCs, and based on professional and technical judgment, the total radium concentrations in samples WAN-AP1-FB-15 and WAN-WGWC-36S were U qualified as not detected.

705-49432-2: Total radium in sample WAN-AP1-FD-10 was not detected at a concentration greater than the MDC for the calculated combined radium-226 and radium-228. Since radium-226 was detected at a concentration greater than the MDC, and based on professional and technical judgement, the U flag, indicating that the result is less than the sample detection limit, was removed from the total radium concentration in sample WAN-AP1-FD-10.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-AP1-FB-15	Combined Radium 226 + 228	0.770	NA	0.770	U	RO1

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-WGWC-36S	Combined Radium 226 + 228	0.895	NA	0.895	U	RO1
WAN-AP1-FD-10	Combined Radium 226 + 228	0.663	U	0.663	NA	RO1

pCi/L-picocuries per liter
U-not detected at or above the MDC
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). 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.

705-49212-2: Radium-226 (0.3377 pCi/L) was detected in the method blank in batch 746142 at a concentration greater than the total propagated uncertainty (TPU). Since radium-226 was not detected in the associated sample, WAN-AP1-EB-09, no qualifications were applied to the data.

705-49212-2: Radium-228 (0.3717 pCi/L) was detected in the method blank in batch 746141 at a concentration greater than the TPU. Therefore, the radium-228 concentration with a mean difference greater than 2 and a concentration less than ten times the blank concentration for radium-228 in the associated sample, WAN-AP1-FD-09, was J qualified as estimated. In addition, the combined radium 226 + 228 concentration for sample WAN-AP1-FD-09 was J qualified as estimated.

705-49432-2: Radium-228 (0.4424 pCi/L) was detected in the method blank in batch 746737 at a concentration greater than the TPU. Therefore, the radium-228 concentrations with a mean difference greater than 2 and a concentration less than ten times the blank concentration for radium-226 in the associated samples were J qualified as estimated and the radium concentrations with a mean difference less than 2 in the associated samples were UJ qualified as not statistically distinguishable from the blank. In addition, the combined radium 226 + 228 concentration in sample WAN-WGWC-31D was UJ qualified as not statistically distinguishable from the blank and the combined radium 226 + 228 concentration in sample WAN-WGWC-30 was J qualified as estimated.

705-49432-2: Radium-228 (0.7019 pCi/L) was detected in the method blank in batch 746922 at a concentration greater than the MDC. Therefore, the radium-228 concentration with a mean difference less than 2 in the associated sample, WAN-WGWC-39, was UJ qualified as not statistically distinguishable from the blank. In addition, the combined radium 226 + 228 concentration for sample WAN-WGWC-39 was J qualified as estimated.

705-49432-2: Radium-228 (0.5203 pCi/L) was detected in the method blank in batch 747095 at a concentration greater than the TPU. Therefore, the radium-228 concentrations with a mean difference less than 2 in the associated sample, WAN-AP1-FB-16, was UJ qualified as not statistically distinguishable from the blank. In addition, the combined radium 226 + 228 concentration for sample WAN-AP1-FB-16 was UJ qualified as not statistically distinguishable from the blank.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	DQM Reason Code
WAN-AP1-FD-09	Radium-228	1.96	NA	1.96	J	BL
WAN-AP1-FD-09	Combined Radium 226 + 228	2.82	NA	2.82	J	BL
WAN-AP1-FB-16	Radium-228	0.912	NA	0.912	UJ	BL
WAN-AP1-FB-16	Combined Radium 226 + 228	1.10	NA	1.10	UJ	BL
WAN-WGWC-30	Radium-228	0.863	NA	0.863	UJ	BL
WAN-WGWC-30	Combined Radium 226 + 228	1.15	NA	1.15	UJ	BL
WAN-WGWC-31D	Radium-228	1.32	G	1.32	UJ	BL
WAN-WGWC-31D	Combined Radium 226 + 228	1.62	NA	1.62	UJ	BL
WAN-WGWC-39	Radium-228	1.07	NA	1.07	UJ	BL
WAN-WGWC-39	Combined Radium 226 + 228	1.57	NA	1.57	J	BL

pCi/L-picocuries per liter
NA-not applicable
G-Laboratory flag indicating that the sample MDC is greater than the requested RL.

4.4 Matrix Spike/Matrix Spike Duplicate

MS/MSD pairs were not reported with the sample set. However, 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). In addition, LCS/LCSD pairs were reported when insufficient sample volume was available to perform a sample duplicate or MS/MSD analyses. The recovery and replicate error ratio (RER) [2 sigma (2σ)] results were within the laboratory specified acceptance criteria.

4.6 Laboratory Duplicate

Two sample set specific laboratory duplicates were reported for radium-226 and radium-228, both using sample WAN-AP1-FB-16. The RER [2 sigma (2σ)] results were within the laboratory specified acceptance criteria

Batch laboratory duplicates 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.

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.

705-49212-2: Radium-228 (0.691 pCi/L) was detected in WAN-AP1-FB-15 at a concentration greater than the TPU. Therefore, the radium-228 concentrations with a mean difference greater than 2 and a concentration less than ten times the blank concentration for radium-228 in the associated samples were J qualified as estimated and the radium-228 concentrations with a mean difference less than 2 in associated samples were UJ qualified as not statistically distinguishable from the blank. In addition, the combined radium 226 + 228 concentrations for samples WAN-WGWC-32, WAN-WGWC-37D, WAN-WGWC-40, WAN-WGWC-42, and WAN-AP1-FD-09 were J qualified as estimated.

705-49432-2: Radium-226 (0.189 pCi/L) was detected in WAN-AP1-FB-16 at a concentration greater than the TPU. Therefore, the radium-226 concentrations with a mean difference greater than 2 and a concentration less than ten times the blank concentration for radium-226 in the

associated samples were J qualified as estimated and the radium concentrations with a mean difference less than 2 in associated samples were UJ qualified as not statistically distinguishable from the blank. In addition, the combined radium 226 + 228 concentrations for samples WAN-WGWC-35D, WAN-WGWC-30, and WAN-WGWC-39 were J qualified as estimated, and the combined radium 226 + 228 concentration for sample WAN-AP1-FD-10 was UJ qualified as not statistically distinguishable from the blank.

705-49432-2: Radium-228 (0.912 pCi/L) was detected in WAN-AP1-FB-16 at a concentration greater than the MDC. Since the radium-228 concentration in WAN-AP1-FB-16 previously qualified due to method blank contamination, no additional qualifications were applied to the data.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	DQM Reason Code
WAN-WGWC-32	Radium-228	2.52	NA	2.52	J	BFH
WAN-WGWC-32	Combined Radium 226 + 228	5.11	NA	5.11	J	BFH
WAN-WGWC-37D	Radium-228	1.62	NA	1.62	J	BFH
WAN-WGWC-37D	Combined Radium 226 + 228	2.48	NA	2.48	J	BFH
WAN-WGWC-40	Radium-228	1.43	G	1.43	UJ	BFH|RDL1
WAN-WGWC-40	Combined Radium 226 + 228	2.42	NA	2.42	J	BFH
WAN-WGWC-42	Radium-228	0.964	NA	0.964	UJ	BFH
WAN-WGWC-42	Combined Radium 226 + 228	1.38	NA	1.38	J	BFH
WAN-AP1-FD-09	Radium-228	1.96	NA	1.96	J	BL| BFH
WAN-AP1-FD-09	Combined Radium 226 + 228	2.82	NA	2.82	J	BL| BFH
WAN-AP1-FD-10	Radium-226	0.104	NA	0.104	UJ	BFH
WAN-AP1-FD-10	Combined Radium 226 + 228	0.663	U	0.663	UJ	BFH
WAN-WGWC-35D	Radium-226	0.622	NA	0.622	J	BFH
WAN-WGWC-35D	Combined Radium 226 + 228	1.17	NA	1.17	J	BFH
WAN-WGWC-30	Radium-226	0.289	NA	0.289	UJ	BFH
WAN-WGWC-30	Combined Radium 226 + 228	1.15	NA	1.15	J	BFH
WAN-WGWC-39	Radium-226	0.499	NA	0.499	J	BFH
WAN-WGWC-39	Combined Radium 226 + 228	1.57	NA	1.57	J	BFH

pCi/L-picocuries per liter
G-sample MDC is greater than the requested RL
U-not detected at or above the MDC
NA-not applicable

4.9 Equipment Blank

Two equipment blanks, WAN-AP1-EB-09 and WAN-AP1-EB-10, were collected with the sample set and analyzed for radium-226 and radium-228. Radium-226 and radium-228 were not detected in the equipment blanks at or above the measured 2σ uncertainty or the MDC, with the following exceptions.

705-49212-2: Radium-228 (0.683 pCi/L) was detected in WAN-AP1-EB-09 at a concentration greater than the TPU. Since the radium-228 concentrations in the associated samples were previously qualified due to field blank contamination, no additional qualifications were applied to the data.

705-49432-2: Radium-228 (0.660 pCi/L) was detected in WAN-AP1-EB-10 at a concentration greater than the TPU. Since radium-228 was also detected in the associate method blank in batch 746737 at a concentration greater than the TPU, and based on professional and technical judgement, no additional qualifications were applied to the data.

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) ≤ 3σ, RPD < 20% or difference < RL] was demonstrated between the field duplicates and the original samples, WAN-WGWC-40 and WAN-WGWC-30, respectively.

4.11 Sensitivity

The samples were reported to the MDCs, with the following exceptions.

The sample MDC was greater than the requested RL for samples WAN-AP1-EB-09, WAN-WGWC-40, and WAN-WGWC-31D. No qualifications were applied to the data.

4.12 Final Validation Qualifier Reconciliation

The combined radium 226 + 228 concentrations in samples WAN-WGWC-30 and WAN-AP1-FD-10 had two or more different qualifications due to multiple QC failures.

The combined radium 226 + 228 concentration in sample WAN-WGWC-30 was J qualified for field blank contamination (radium-226) and for method blank contamination (radium-228). However, since the radium-226 and radium-228 concentrations in sample WAN-WGWC-30 were UJ qualified as not statistically distinguishable from the blank due to field blank or method blank

contamination, the final validation qualifier for the combined radium 226 + 228 concentration in sample WAN-WGWC-30 was also UJ qualified.

The combined radium 226 + 228 activity in sample WAN-AP1-FD-10 was indicated as detected by removing the U flag, indicating that the result is less than the sample detection limit, due concentration of radium-226 greater than the MDC. However, since the radium-226 concentration in sample WAN-AP1-FD-10 was UJ qualified as not statistically distinguishable from the blank due to field blank contamination, the final validation qualifier for the combined radium 226 + 228 concentration in sample WAN-AP1-FD-10 was also UJ qualified.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifiers	DQM Reason Codes	Final Validation Qualifier
WAN-WGWC-30	Radium-226	0.289	NA	0.289	UJ	BFH	UJ
	Radium-228	0.863	NA	0.863	UJ	BL	UJ
	Combined Radium 226 + 228	1.15	NA	1.15	J, J	BL|BFH	UJ
WAN-AP1-FD-10	Radium-226	0.104	NA	0.104	UJ	BFH	UJ
	Radium-228	0.559	U	0.559	U	NA	NA
	Combined Radium 226 + 228	0.663	U	0.663	NA, J	RO1|BFH	UJ

pCi/L-picocuries per liter
U-not detected at or above the MDC
NA-not applicable

* * * * *

**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 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 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: 2/13/2025 12:50:03 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: 14.22 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 75 ft** **Estimated Total Volume Pumped: 6 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 28.8 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 884189**

Test Notes:
Sample time 1320. Sunny, 53 degrees F.
EB-03 here on gloves.

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	
2/13/2025 12:50 PM	00:00	5.99 pH	21.64 °C	165.64 µS/cm	4.63 mg/L	1.99 NTU	83.0 mV	14.22 ft	200.00 ml/min
2/13/2025 12:55 PM	05:00	6.29 pH	18.93 °C	176.01 µS/cm	1.50 mg/L	1.91 NTU	62.9 mV	15.27 ft	200.00 ml/min
2/13/2025 1:00 PM	10:00	6.36 pH	18.81 °C	175.48 µS/cm	1.27 mg/L	2.02 NTU	44.8 mV	15.83 ft	200.00 ml/min
2/13/2025 1:05 PM	15:00	6.39 pH	18.64 °C	174.86 µS/cm	1.18 mg/L	2.57 NTU	40.6 mV	16.22 ft	200.00 ml/min
2/13/2025 1:10 PM	20:00	6.40 pH	18.88 °C	176.06 µS/cm	1.14 mg/L	2.38 NTU	38.4 mV	16.51 ft	200.00 ml/min
2/13/2025 1:15 PM	25:00	6.41 pH	19.20 °C	174.44 µS/cm	1.13 mg/L	1.91 NTU	37.4 mV	16.57 ft	200.00 ml/min
2/13/2025 1:20 PM	30:00	6.40 pH	19.11 °C	176.11 µS/cm	1.12 mg/L	1.83 NTU	37.0 mV	16.62 ft	200.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/13/2025 12:45:09 PM
Project: Plant Wansley Ash Pond
Operator Name: J. May

Location Name: PZ-31 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 32.44 ft** **Total Depth: 42.44 ft** **Initial Depth to Water: 21.63 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: 21.24 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183949**

Test Notes:
Sample Time: 1315
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	
2/13/2025 12:45 PM	00:00	5.22 pH	18.03 °C	42.37 µS/cm	5.51 mg/L	10.50 NTU	161.9 mV	21.63 ft	200.00 ml/min
2/13/2025 12:50 PM	05:00	5.12 pH	18.42 °C	37.43 µS/cm	3.05 mg/L	10.80 NTU	227.1 mV	23.00 ft	200.00 ml/min
2/13/2025 12:55 PM	10:00	5.12 pH	18.32 °C	37.28 µS/cm	2.92 mg/L	11.00 NTU	225.8 mV	23.20 ft	200.00 ml/min
2/13/2025 1:00 PM	15:00	5.14 pH	18.37 °C	37.41 µS/cm	2.67 mg/L	7.99 NTU	217.4 mV	23.40 ft	200.00 ml/min
2/13/2025 1:05 PM	20:00	5.16 pH	18.44 °C	37.61 µS/cm	2.46 mg/L	4.53 NTU	220.8 mV	23.40 ft	200.00 ml/min
2/13/2025 1:10 PM	25:00	5.16 pH	18.44 °C	37.22 µS/cm	2.37 mg/L	4.78 NTU	210.6 mV	23.40 ft	200.00 ml/min
2/13/2025 1:15 PM	30:00	5.17 pH	18.53 °C	37.47 µS/cm	2.32 mg/L	3.06 NTU	212.2 mV	23.40 ft	200.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/12/2025 1:20:50 PM
Project: Plant Wansley Ash Pond
Operator Name: Taylor Goble

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: 24.39 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 119 ft** **Estimated Total Volume Pumped: 12 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 989619**

Test Notes:
Sampled at 1351. Raining 46 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	
2/12/2025 1:20 PM	00:00	7.11 pH	13.43 °C	228.37 µS/cm	0.40 mg/L	3.28 NTU	51.0 mV	24.39 ft	400.00 ml/min
2/12/2025 1:25 PM	05:00	7.38 pH	12.84 °C	231.46 µS/cm	0.24 mg/L	2.54 NTU	39.8 mV	24.39 ft	400.00 ml/min
2/12/2025 1:30 PM	10:00	7.48 pH	12.90 °C	231.41 µS/cm	0.21 mg/L	1.98 NTU	25.1 mV	24.39 ft	400.00 ml/min
2/12/2025 1:35 PM	15:00	7.53 pH	12.74 °C	232.53 µS/cm	0.19 mg/L	1.34 NTU	21.2 mV	24.39 ft	400.00 ml/min
2/12/2025 1:40 PM	20:00	7.52 pH	12.78 °C	227.27 µS/cm	0.16 mg/L	1.21 NTU	17.9 mV	24.39 ft	400.00 ml/min
2/12/2025 1:45 PM	25:00	7.48 pH	12.83 °C	227.68 µS/cm	0.15 mg/L	1.42 NTU	12.9 mV	24.39 ft	400.00 ml/min
2/12/2025 1:50 PM	30:00	7.45 pH	12.74 °C	226.10 µS/cm	0.15 mg/L	1.65 NTU	7.2 mV	24.39 ft	400.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/12/2025 10:59:10 AM
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: 16.44 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 81 ft** **Estimated Total Volume Pumped: 8.75 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 350 ml/min** **Final Draw Down: 0.54 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 989619**

Test Notes:
Sampled at 1124. Raining 44 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	
2/12/2025 10:59 AM	00:00	7.33 pH	10.03 °C	182.97 µS/cm	5.82 mg/L	7.47 NTU	139.2 mV	16.44 ft	350.00 ml/min
2/12/2025 11:04 AM	05:00	6.65 pH	14.11 °C	153.72 µS/cm	0.39 mg/L	5.35 NTU	96.2 mV	16.90 ft	350.00 ml/min
2/12/2025 11:09 AM	10:00	6.50 pH	13.94 °C	153.58 µS/cm	0.25 mg/L	4.83 NTU	110.7 mV	16.96 ft	350.00 ml/min
2/12/2025 11:14 AM	15:00	6.45 pH	13.78 °C	153.49 µS/cm	0.23 mg/L	4.27 NTU	97.3 mV	16.98 ft	350.00 ml/min
2/12/2025 11:19 AM	20:00	6.38 pH	13.73 °C	153.55 µS/cm	0.18 mg/L	3.31 NTU	22.7 mV	16.98 ft	350.00 ml/min
2/12/2025 11:24 AM	25:00	6.41 pH	13.89 °C	156.85 µS/cm	0.14 mg/L	2.83 NTU	2.4 mV	16.98 ft	350.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/10/2025 3:45:05 PM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

Location Name: WGWA-1 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 119.86 ft** **Total Depth: 129.86 ft** **Initial Depth to Water: 29.71 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: 17.87 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 275 ml/min** **Final Draw Down: 2.52 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 884189**

Test Notes:
1650 sample time. Cloudy, 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	
2/10/2025 3:45 PM	00:00	7.93 pH	16.38 °C	30.39 µS/cm	7.90 mg/L	1.21 NTU	77.5 mV	29.71 ft	275.00 ml/min
2/10/2025 3:50 PM	05:00	6.69 pH	16.29 °C	29.82 µS/cm	4.49 mg/L	0.76 NTU	64.8 mV	29.87 ft	275.00 ml/min
2/10/2025 3:55 PM	10:00	5.87 pH	16.79 °C	30.44 µS/cm	0.97 mg/L	0.66 NTU	14.9 mV	29.92 ft	275.00 ml/min
2/10/2025 4:00 PM	15:00	5.57 pH	16.70 °C	30.85 µS/cm	0.47 mg/L	0.43 NTU	-2.4 mV	29.92 ft	275.00 ml/min
2/10/2025 4:05 PM	20:00	5.43 pH	16.70 °C	31.06 µS/cm	0.76 mg/L	0.47 NTU	30.5 mV	29.92 ft	275.00 ml/min
2/10/2025 4:10 PM	25:00	5.39 pH	16.74 °C	31.15 µS/cm	0.95 mg/L	0.32 NTU	41.4 mV	29.92 ft	275.00 ml/min
2/10/2025 4:15 PM	30:00	5.38 pH	16.83 °C	31.05 µS/cm	1.07 mg/L	0.21 NTU	45.5 mV	29.92 ft	275.00 ml/min
2/10/2025 4:20 PM	35:00	5.39 pH	16.77 °C	31.07 µS/cm	1.16 mg/L	0.22 NTU	47.4 mV	29.92 ft	275.00 ml/min
2/10/2025 4:25 PM	40:00	5.39 pH	16.63 °C	31.08 µS/cm	1.20 mg/L	0.17 NTU	48.3 mV	29.92 ft	275.00 ml/min
2/10/2025 4:30 PM	45:00	5.39 pH	16.66 °C	31.18 µS/cm	1.23 mg/L	0.22 NTU	48.8 mV	29.92 ft	275.00 ml/min
2/10/2025 4:35 PM	50:00	5.40 pH	16.67 °C	31.19 µS/cm	1.26 mg/L	0.17 NTU	49.0 mV	29.92 ft	275.00 ml/min
2/10/2025 4:40 PM	55:00	5.40 pH	16.77 °C	31.19 µS/cm	1.28 mg/L	0.16 NTU	49.5 mV	29.92 ft	275.00 ml/min
2/10/2025 4:45 PM	01:00:00	5.40 pH	16.72 °C	31.17 µS/cm	1.31 mg/L	0.17 NTU	49.9 mV	29.92 ft	275.00 ml/min
2/10/2025 4:50 PM	01:05:00	5.40 pH	16.72 °C	31.23 µS/cm	1.33 mg/L	0.17 NTU	62.2 mV	29.92 ft	275.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/10/2025 3:55:31 PM
Project: Plant Wansley Ash Pond
Operator Name: J. Berisford

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: 11.04 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: 7.5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 9 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 989619**

Test Notes:
Cloudy, sample time-1625

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	
2/10/2025 3:55 PM	00:00	7.43 pH	15.21 °C	113.05 µS/cm	6.46 mg/L	0.96 NTU	151.8 mV	11.04 ft	250.00 ml/min
2/10/2025 4:00 PM	05:00	6.54 pH	14.98 °C	124.98 µS/cm	0.29 mg/L	0.77 NTU	78.6 mV	11.60 ft	250.00 ml/min
2/10/2025 4:05 PM	10:00	6.45 pH	14.64 °C	119.33 µS/cm	0.19 mg/L	0.67 NTU	89.5 mV	11.80 ft	250.00 ml/min
2/10/2025 4:10 PM	15:00	6.44 pH	14.84 °C	118.15 µS/cm	0.17 mg/L	0.61 NTU	73.1 mV	11.80 ft	250.00 ml/min
2/10/2025 4:15 PM	20:00	6.43 pH	14.66 °C	118.08 µS/cm	0.17 mg/L	0.53 NTU	79.4 mV	11.80 ft	250.00 ml/min
2/10/2025 4:20 PM	25:00	6.44 pH	14.84 °C	118.17 µS/cm	0.18 mg/L	0.39 NTU	66.3 mV	11.80 ft	250.00 ml/min
2/10/2025 4:25 PM	30:00	6.44 pH	14.66 °C	118.11 µS/cm	0.20 mg/L	0.42 NTU	72.2 mV	11.80 ft	250.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/10/2025 3:41:11 PM
Project: Plant Wansley Ash Pond
Operator Name: J. May

Location Name: WGWA-3 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 9 ft** **Total Depth: 19 ft** **Initial Depth to Water: 4.5 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 14 ft** **Estimated Total Volume Pumped: 19.5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 300 ml/min** **Final Draw Down: 1.2 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183949**

Test Notes:
Sample Time: 1646
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	
2/10/2025 3:41 PM	00:00	5.82 pH	16.14 °C	28.14 µS/cm	5.67 mg/L	1.97 NTU	189.7 mV	4.60 ft	300.00 ml/min
2/10/2025 3:46 PM	05:00	5.53 pH	16.02 °C	27.99 µS/cm	5.14 mg/L	0.38 NTU	207.6 mV	4.60 ft	300.00 ml/min
2/10/2025 3:51 PM	10:00	5.20 pH	16.07 °C	27.91 µS/cm	5.09 mg/L	0.43 NTU	226.6 mV	4.60 ft	300.00 ml/min
2/10/2025 3:56 PM	15:00	5.10 pH	15.99 °C	27.87 µS/cm	5.09 mg/L	0.33 NTU	234.9 mV	4.60 ft	300.00 ml/min
2/10/2025 4:01 PM	20:00	5.02 pH	16.02 °C	27.96 µS/cm	5.07 mg/L	0.28 NTU	241.1 mV	4.60 ft	300.00 ml/min
2/10/2025 4:21 PM	39:58	5.75 pH	16.00 °C	32.13 µS/cm	5.18 mg/L	0.43 NTU	195.4 mV	4.60 ft	300.00 ml/min
2/10/2025 4:26 PM	44:58	5.55 pH	16.02 °C	32.04 µS/cm	5.11 mg/L	0.36 NTU	203.6 mV	4.60 ft	300.00 ml/min
2/10/2025 4:31 PM	49:58	5.39 pH	16.02 °C	31.37 µS/cm	5.10 mg/L	0.27 NTU	214.8 mV	4.60 ft	300.00 ml/min
2/10/2025 4:36 PM	54:58	5.32 pH	15.96 °C	31.30 µS/cm	5.10 mg/L	0.28 NTU	220.2 mV	4.60 ft	300.00 ml/min
2/10/2025 4:41 PM	59:58	5.29 pH	15.98 °C	31.31 µS/cm	5.09 mg/L	0.29 NTU	225.1 mV	4.60 ft	300.00 ml/min
2/10/2025 4:46 PM	01:04:58	5.25 pH	15.95 °C	30.97 µS/cm	5.08 mg/L	0.30 NTU	230.4 mV	4.60 ft	300.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/11/2025 9:40:21 AM
Project: Plant Wansley Ash Pond
Operator Name: J. May

Location Name: WGWA-4 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 63.9 ft** **Total Depth: 73.9 ft** **Initial Depth to Water: 7.14 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 68 ft** **Estimated Total Volume Pumped: 3.75 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 7.92 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183949**

Test Notes:
Sample Time: 1005
Rainy, 40s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/11/2025 9:40 AM	00:00	7.06 pH	13.80 °C	109.99 µS/cm	2.24 mg/L	0.95 NTU	-63.7 mV	7.14 ft	150.00 ml/min
2/11/2025 9:45 AM	05:00	7.50 pH	13.43 °C	117.17 µS/cm	0.78 mg/L	1.18 NTU	-83.3 mV	7.60 ft	150.00 ml/min
2/11/2025 9:50 AM	10:00	7.60 pH	13.32 °C	117.48 µS/cm	0.54 mg/L	1.25 NTU	-143.8 mV	7.70 ft	150.00 ml/min
2/11/2025 9:55 AM	15:00	7.61 pH	13.21 °C	116.84 µS/cm	0.46 mg/L	1.00 NTU	-165.1 mV	7.80 ft	150.00 ml/min
2/11/2025 10:00 AM	20:00	7.59 pH	13.37 °C	115.79 µS/cm	0.40 mg/L	1.14 NTU	-171.5 mV	7.80 ft	150.00 ml/min
2/11/2025 10:05 AM	25:00	7.58 pH	13.45 °C	115.46 µS/cm	0.34 mg/L	1.11 NTU	-173.9 mV	7.80 ft	150.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/11/2025 10:50:41 AM
Project: Plant Wansley Ash Pond
Operator Name: J. May

Location Name: WGWA-6 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 94.5 ft** **Total Depth: 104.5 ft** **Initial Depth to Water: 20.67 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 99 ft** **Estimated Total Volume Pumped: 6.75 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 6.36 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183949**

Test Notes:
Sample Time: 1135
Rainy, 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	
2/11/2025 10:50 AM	00:00	7.29 pH	14.04 °C	144.54 µS/cm	2.83 mg/L	0.37 NTU	-77.9 mV	20.67 ft	150.00 ml/min
2/11/2025 10:55 AM	05:00	8.00 pH	14.59 °C	143.66 µS/cm	0.63 mg/L	1.91 NTU	-194.8 mV	21.00 ft	150.00 ml/min
2/11/2025 11:00 AM	10:00	8.15 pH	14.62 °C	144.13 µS/cm	0.29 mg/L	1.99 NTU	-170.7 mV	21.10 ft	150.00 ml/min
2/11/2025 11:15 AM	24:55	7.45 pH	14.34 °C	155.34 µS/cm	0.72 mg/L	1.32 NTU	156.6 mV	21.20 ft	150.00 ml/min
2/11/2025 11:20 AM	29:55	7.92 pH	14.44 °C	147.88 µS/cm	0.31 mg/L	1.24 NTU	-55.2 mV	21.20 ft	150.00 ml/min
2/11/2025 11:25 AM	34:55	8.00 pH	14.64 °C	146.86 µS/cm	0.29 mg/L	1.07 NTU	-104.3 mV	21.20 ft	150.00 ml/min
2/11/2025 11:30 AM	39:55	8.02 pH	14.56 °C	145.04 µS/cm	0.27 mg/L	0.85 NTU	-130.9 mV	21.20 ft	150.00 ml/min
2/11/2025 11:35 AM	44:55	8.01 pH	14.69 °C	145.42 µS/cm	0.25 mg/L	0.74 NTU	-137.4 mV	21.20 ft	150.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/11/2025 10:50:11 AM
Project: Plant Wansley Ash Pond
Operator Name: J. Berisford

Location Name: WGWA-7 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 30.04 ft** **Total Depth: 40.04 ft** **Initial Depth to Water: 32.63 ft**	**Pump Type: Portable bladder pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 34 ft** **Estimated Total Volume Pumped: 37.4 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 36 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 989619**

Test Notes:
Rainy, sample time 1320

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	
2/11/2025 10:50 AM	00:00	7.44 pH				5.92 NTU	257.7 mV	32.63 ft	250.00 ml/min
2/11/2025 10:55 AM	05:00	7.19 pH	12.03 °C	138.56 µS/cm	3.49 mg/L	5.60 NTU	29.8 mV	33.30 ft	250.00 ml/min
2/11/2025 11:00 AM	10:00	6.97 pH	12.98 °C	67.77 µS/cm	7.69 mg/L	3.71 NTU	68.3 mV	33.70 ft	250.00 ml/min
2/11/2025 11:05 AM	15:00	6.76 pH	13.13 °C	76.19 µS/cm	6.71 mg/L	1.35 NTU	85.0 mV	34.00 ft	250.00 ml/min
2/11/2025 11:10 AM	20:00	6.71 pH	13.31 °C	83.29 µS/cm	5.93 mg/L	1.62 NTU	76.1 mV	34.50 ft	250.00 ml/min
2/11/2025 11:15 AM	25:00	6.84 pH	13.11 °C	108.03 µS/cm	4.82 mg/L	1.34 NTU	76.3 mV	34.80 ft	250.00 ml/min
2/11/2025 11:20 AM	30:00	7.22 pH	13.12 °C	188.99 µS/cm	0.50 mg/L	2.11 NTU	-46.3 mV	35.20 ft	250.00 ml/min
2/11/2025 11:25 AM	35:00	7.40 pH	13.35 °C	176.87 µS/cm	0.86 mg/L	2.05 NTU	-22.7 mV	35.50 ft	250.00 ml/min
2/11/2025 11:30 AM	40:00	7.42 pH	13.42 °C	167.26 µS/cm	1.19 mg/L	1.83 NTU	-19.9 mV	35.50 ft	250.00 ml/min
2/11/2025 11:35 AM	45:00	7.47 pH	12.87 °C	165.80 µS/cm	1.08 mg/L	1.97 NTU	-31.4 mV	35.60 ft	250.00 ml/min
2/11/2025 11:40 AM	50:00	7.43 pH	12.65 °C	139.10 µS/cm	1.67 mg/L	3.65 NTU	-25.4 mV	35.60 ft	250.00 ml/min
2/11/2025 11:45 AM	55:00	7.38 pH	12.09 °C	147.07 µS/cm	2.50 mg/L	3.45 NTU	-27.4 mV	35.60 ft	250.00 ml/min
2/11/2025 11:50 AM	01:00:00	7.36 pH	11.52 °C	121.61 µS/cm	3.60 mg/L	3.92 NTU	-19.9 mV	35.60 ft	250.00 ml/min
2/11/2025 11:55 AM	01:05:00	7.19 pH	11.25 °C	100.54 µS/cm	4.78 mg/L	4.40 NTU	3.3 mV	35.60 ft	250.00 ml/min
2/11/2025 12:00 PM	01:10:00	7.10 pH	11.10 °C	90.22 µS/cm	6.27 mg/L	4.21 NTU	17.1 mV	35.60 ft	250.00 ml/min

2/11/2025 12:10 PM	01:19:53	6.65 pH	9.44 °C	128.58 µS/cm	8.83 mg/L	4.13 NTU	1.5 mV	35.60 ft	250.00 ml/min
2/11/2025 12:15 PM	01:24:53	6.90 pH	10.74 °C	206.88 µS/cm	0.96 mg/L	3.82 NTU	-68.7 mV	35.60 ft	250.00 ml/min
2/11/2025 12:20 PM	01:29:53	7.12 pH	11.32 °C	207.91 µS/cm	0.61 mg/L	3.43 NTU	-71.2 mV	35.60 ft	250.00 ml/min
2/11/2025 12:25 PM	01:34:53	7.18 pH	10.75 °C	193.64 µS/cm	1.01 mg/L	3.20 NTU	-60.0 mV	35.60 ft	250.00 ml/min
2/11/2025 12:30 PM	01:39:53	7.03 pH	10.02 °C	141.23 µS/cm	2.87 mg/L	2.65 NTU	-24.0 mV	35.60 ft	250.00 ml/min
2/11/2025 12:35 PM	01:44:53	6.77 pH	10.10 °C	88.92 µS/cm	4.71 mg/L	2.37 NTU	13.5 mV	35.60 ft	250.00 ml/min
2/11/2025 12:40 PM	01:49:53	6.56 pH	10.42 °C	68.25 µS/cm	5.73 mg/L	2.21 NTU	30.0 mV	35.60 ft	250.00 ml/min
2/11/2025 12:45 PM	01:54:53	6.43 pH	10.65 °C	59.61 µS/cm	6.24 mg/L	3.28 NTU	37.3 mV	35.60 ft	250.00 ml/min
2/11/2025 12:50 PM	01:59:53	6.31 pH	10.73 °C	53.43 µS/cm	6.72 mg/L	2.96 NTU	45.2 mV	35.60 ft	250.00 ml/min
2/11/2025 12:55 PM	02:04:53	6.25 pH	10.72 °C	50.61 µS/cm	6.99 mg/L	1.73 NTU	57.1 mV	35.60 ft	250.00 ml/min
2/11/2025 1:00 PM	02:09:53	6.19 pH	10.81 °C	47.96 µS/cm	7.35 mg/L	1.83 NTU	55.8 mV	35.60 ft	250.00 ml/min
2/11/2025 1:05 PM	02:14:53	6.16 pH	10.79 °C	46.64 µS/cm	7.53 mg/L	1.76 NTU	59.4 mV	35.60 ft	250.00 ml/min
2/11/2025 1:10 PM	02:19:53	6.13 pH	10.77 °C	44.90 µS/cm	7.63 mg/L	1.45 NTU	62.4 mV	35.60 ft	250.00 ml/min
2/11/2025 1:15 PM	02:24:53	6.10 pH	10.80 °C	43.70 µS/cm	7.76 mg/L	1.48 NTU	65.0 mV	35.60 ft	250.00 ml/min
2/11/2025 1:20 PM	02:29:53	6.08 pH	10.75 °C	43.33 µS/cm	7.85 mg/L	1.54 NTU	67.0 mV	35.60 ft	250.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/11/2025 10:05:51 AM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

Location Name: WGWA-18 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 29.6 ft** **Total Depth: 39.6 ft** **Initial Depth to Water: 19.85 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: 10.5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 63.6 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 884189**

Test Notes:
Sample time 1115. Rainy.

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	
2/11/2025 10:05 AM	00:00	8.26 pH	12.08 °C	91.63 µS/cm	10.04 mg/L	0.48 NTU	185.4 mV	19.85 ft	150.00 ml/min
2/11/2025 10:10 AM	05:00	6.51 pH	14.95 °C	121.40 µS/cm	1.89 mg/L	0.69 NTU	-87.9 mV	21.50 ft	150.00 ml/min
2/11/2025 10:15 AM	10:00	6.55 pH	16.14 °C	107.72 µS/cm	1.15 mg/L	0.50 NTU	-93.5 mV	22.82 ft	150.00 ml/min
2/11/2025 10:20 AM	15:00	6.29 pH	16.27 °C	87.74 µS/cm	1.81 mg/L	0.26 NTU	-42.5 mV	23.51 ft	150.00 ml/min
2/11/2025 10:25 AM	20:00	6.12 pH	16.20 °C	84.90 µS/cm	1.81 mg/L	0.31 NTU	-1.9 mV	23.87 ft	150.00 ml/min
2/11/2025 10:30 AM	25:00	6.08 pH	16.25 °C	85.37 µS/cm	1.58 mg/L	0.28 NTU	8.9 mV	24.22 ft	150.00 ml/min
2/11/2025 10:35 AM	30:00	6.07 pH	16.29 °C	81.76 µS/cm	1.53 mg/L	0.29 NTU	13.9 mV	24.94 ft	150.00 ml/min
2/11/2025 10:40 AM	35:00	6.00 pH	16.41 °C	70.74 µS/cm	2.51 mg/L	0.27 NTU	19.3 mV	25.00 ft	150.00 ml/min
2/11/2025 10:45 AM	40:00	5.93 pH	16.24 °C	64.84 µS/cm	3.21 mg/L	0.28 NTU	28.1 mV	25.00 ft	150.00 ml/min
2/11/2025 10:50 AM	45:00	5.87 pH	16.14 °C	62.28 µS/cm	3.15 mg/L	0.28 NTU	31.7 mV	25.01 ft	150.00 ml/min
2/11/2025 10:55 AM	50:00	5.82 pH	16.20 °C	61.11 µS/cm	2.89 mg/L	0.25 NTU	33.8 mV	25.02 ft	150.00 ml/min
2/11/2025 11:00 AM	55:00	5.78 pH	16.14 °C	60.70 µS/cm	2.61 mg/L	0.24 NTU	33.9 mV	25.08 ft	150.00 ml/min
2/11/2025 11:05 AM	01:00:00	5.74 pH	16.18 °C	61.11 µS/cm	2.43 mg/L	0.21 NTU	40.0 mV	25.12 ft	150.00 ml/min
2/11/2025 11:10 AM	01:05:00	5.75 pH	16.20 °C	61.40 µS/cm	2.35 mg/L	0.17 NTU	37.7 mV	25.15 ft	150.00 ml/min

2/11/2025 11:15 AM	01:10:00	5.74 pH	16.29 °C	60.90 µS/cm	2.40 mg/L	0.15 NTU	37.6 mV	25.15 ft	150.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/11/2025 2:20:16 PM
Project: Plant Wansley Ash Pond
Operator Name: J. Berisford

Location Name: WGWC-8 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 49.38 ft** **Total Depth: 59.38 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: 54 ft** **Estimated Total Volume Pumped: 3.7 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 125 ml/min** **Final Draw Down: 9 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 989619**

Test Notes:
Light rain, sample time 1450

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	
2/11/2025 2:20 PM	00:00	6.60 pH	9.10 °C	0.00 µS/cm	11.31 mg/L	1.29 NTU	40.8 mV	6.71 ft	125.00 ml/min
2/11/2025 2:25 PM	05:00	5.85 pH	11.04 °C	663.14 µS/cm	2.53 mg/L	1.35 NTU	121.7 mV	7.40 ft	125.00 ml/min
2/11/2025 2:30 PM	10:00	5.27 pH	12.28 °C	655.20 µS/cm	1.49 mg/L	1.32 NTU	111.5 mV	7.40 ft	125.00 ml/min
2/11/2025 2:35 PM	15:00	5.22 pH	12.52 °C	648.93 µS/cm	1.24 mg/L	1.73 NTU	108.4 mV	7.40 ft	125.00 ml/min
2/11/2025 2:40 PM	20:00	5.24 pH	12.51 °C	645.32 µS/cm	1.18 mg/L	0.99 NTU	105.0 mV	7.40 ft	125.00 ml/min
2/11/2025 2:45 PM	25:00	5.24 pH	12.50 °C	647.58 µS/cm	1.19 mg/L	0.85 NTU	102.7 mV	7.40 ft	125.00 ml/min
2/11/2025 2:50 PM	30:00	5.23 pH	12.73 °C	649.40 µS/cm	1.17 mg/L	0.97 NTU	101.9 mV	7.40 ft	125.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/11/2025 3:36:17 PM
Project: Plant Wansley Ash Pond
Operator Name: J. Berisford

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: 21.35 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 56 ft** **Estimated Total Volume Pumped: 3 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 21 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 989619**

Test Notes:
Light rain, sample time-1606

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	
2/11/2025 3:36 PM	00:00	5.84 pH	15.64 °C	132.28 µS/cm	1.31 mg/L	3.60 NTU	117.1 mV	21.35 ft	100.00 ml/min
2/11/2025 3:41 PM	05:00	5.87 pH	14.39 °C	128.28 µS/cm	0.45 mg/L	3.11 NTU	92.0 mV	22.50 ft	100.00 ml/min
2/11/2025 3:46 PM	10:00	5.95 pH	13.59 °C	129.15 µS/cm	0.51 mg/L	1.83 NTU	82.8 mV	22.90 ft	100.00 ml/min
2/11/2025 3:51 PM	15:00	5.88 pH	13.42 °C	129.31 µS/cm	0.43 mg/L	2.03 NTU	78.7 mV	23.00 ft	100.00 ml/min
2/11/2025 3:56 PM	20:00	5.85 pH	13.27 °C	129.70 µS/cm	0.39 mg/L	1.99 NTU	76.4 mV	23.10 ft	100.00 ml/min
2/11/2025 4:01 PM	25:00	5.86 pH	13.19 °C	130.19 µS/cm	0.36 mg/L	1.50 NTU	74.4 mV	23.10 ft	100.00 ml/min
2/11/2025 4:06 PM	30:00	5.86 pH	13.10 °C	129.18 µS/cm	0.33 mg/L	0.98 NTU	73.0 mV	23.10 ft	100.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/13/2025 9:35:48 AM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

Location Name: WGWC-10 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 138.98 ft** **Total Depth: 148.98 ft** **Initial Depth to Water: 22.25 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: 5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 15.84 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 884189**

Test Notes:
Sample time 1025. Cloudy, 52 degrees F.
EB02 here on water level

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	
2/13/2025 9:35 AM	00:00	7.07 pH	13.07 °C	159.36 µS/cm	9.75 mg/L	1.76 NTU	80.9 mV	22.25 ft	100.00 ml/min
2/13/2025 9:40 AM	05:00	7.01 pH	12.72 °C	78.88 µS/cm	9.38 mg/L	2.96 NTU	54.0 mV	22.76 ft	100.00 ml/min
2/13/2025 9:45 AM	10:00	6.73 pH	13.04 °C	65.12 µS/cm	5.02 mg/L	2.67 NTU	55.8 mV	23.07 ft	100.00 ml/min
2/13/2025 9:50 AM	15:00	6.41 pH	14.16 °C	63.86 µS/cm	2.51 mg/L	2.52 NTU	65.8 mV	23.25 ft	100.00 ml/min
2/13/2025 9:55 AM	20:00	6.29 pH	14.72 °C	61.89 µS/cm	2.59 mg/L	2.48 NTU	58.9 mV	23.37 ft	100.00 ml/min
2/13/2025 10:00 AM	25:00	6.27 pH	14.99 °C	61.82 µS/cm	3.65 mg/L	1.69 NTU	60.0 mV	23.46 ft	100.00 ml/min
2/13/2025 10:05 AM	30:00	6.24 pH	14.95 °C	63.16 µS/cm	4.25 mg/L	1.35 NTU	64.3 mV	23.48 ft	100.00 ml/min
2/13/2025 10:10 AM	35:00	6.23 pH	14.67 °C	64.68 µS/cm	5.04 mg/L	0.83 NTU	52.9 mV	23.51 ft	100.00 ml/min
2/13/2025 10:15 AM	40:00	6.31 pH	14.99 °C	63.54 µS/cm	5.30 mg/L	0.86 NTU	45.7 mV	23.56 ft	100.00 ml/min
2/13/2025 10:20 AM	45:00	6.25 pH	14.86 °C	63.65 µS/cm	5.62 mg/L	0.87 NTU	65.5 mV	23.57 ft	100.00 ml/min
2/13/2025 10:25 AM	50:00	6.27 pH	15.44 °C	64.32 µS/cm	5.54 mg/L	0.86 NTU	52.4 mV	23.57 ft	100.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/11/2025 3:42:03 PM
Project: Plant Wansley Ash Pond
Operator Name: Dever Johnson

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: 29.76 ft**	**Pump Type: Ded. Bladder Pump** **Tubing Type: Poly** **Pump Intake From TOC: 48 ft** **Estimated Total Volume Pumped: 5.3 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 41.52 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 884189**

Test Notes:
sample time 1608. rainy.

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	
2/11/2025 3:42 PM	00:00	7.09 pH	12.90 °C	39.90 µS/cm	10.38 mg/L	1.02 NTU	41.5 mV	29.76 ft	200.00 ml/min
2/11/2025 3:43 PM	01:30	6.84 pH	15.53 °C	39.87 µS/cm	7.43 mg/L	0.57 NTU	126.3 mV	31.93 ft	200.00 ml/min
2/11/2025 3:48 PM	06:30	5.84 pH	16.85 °C	37.06 µS/cm	4.73 mg/L	0.58 NTU	120.1 mV	32.87 ft	200.00 ml/min
2/11/2025 3:53 PM	11:30	5.61 pH	16.93 °C	36.93 µS/cm	4.80 mg/L	0.58 NTU	115.8 mV	33.01 ft	200.00 ml/min
2/11/2025 3:58 PM	16:30	5.56 pH	16.92 °C	37.69 µS/cm	4.94 mg/L	0.52 NTU	109.3 mV	33.17 ft	200.00 ml/min
2/11/2025 4:03 PM	21:30	5.55 pH	16.95 °C	38.44 µS/cm	4.93 mg/L	0.49 NTU	136.8 mV	33.22 ft	200.00 ml/min
2/11/2025 4:08 PM	26:30	5.54 pH	16.92 °C	38.96 µS/cm	4.90 mg/L	0.41 NTU	134.9 mV	33.22 ft	200.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/11/2025 1:00:04 PM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

Location Name: WGWC-12 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 66.57 ft** **Total Depth: 76.57 ft** **Initial Depth to Water: 29.12 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: 30.25 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 275 ml/min** **Final Draw Down: 6.36 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 884189**

Test Notes:
Sample time 1450. FD-01 here. Rainy.

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	
2/11/2025 1:00 PM	00:00	7.15 pH	14.14 °C	119.05 µS/cm	9.42 mg/L	6.21 NTU	15.1 mV	29.12 ft	275.00 ml/min
2/11/2025 1:05 PM	05:00	6.71 pH	16.46 °C	115.74 µS/cm	0.93 mg/L	1,000.00 NTU	-1.9 mV	29.61 ft	275.00 ml/min
2/11/2025 1:10 PM	10:00	6.61 pH	16.58 °C	115.11 µS/cm	0.16 mg/L	1,000.00 NTU	-12.2 mV	29.63 ft	275.00 ml/min
2/11/2025 1:15 PM	15:00	6.59 pH	15.40 °C	111.66 µS/cm	0.15 mg/L	1,000.00 NTU	1.3 mV	29.65 ft	275.00 ml/min
2/11/2025 1:20 PM	20:00	6.54 pH	16.69 °C	118.21 µS/cm	0.09 mg/L	1,000.00 NTU	-6.3 mV	29.65 ft	275.00 ml/min
2/11/2025 1:25 PM	25:00	6.55 pH	16.35 °C	120.44 µS/cm	0.08 mg/L	95.30 NTU	-8.5 mV	29.65 ft	275.00 ml/min
2/11/2025 1:30 PM	30:00	6.56 pH	16.52 °C	122.35 µS/cm	0.07 mg/L	42.40 NTU	-9.0 mV	29.65 ft	275.00 ml/min
2/11/2025 1:35 PM	35:00	6.57 pH	16.47 °C	123.40 µS/cm	0.09 mg/L	20.80 NTU	-8.8 mV	29.65 ft	275.00 ml/min
2/11/2025 1:40 PM	40:00	6.59 pH	16.21 °C	122.68 µS/cm	0.10 mg/L	19.70 NTU	-19.9 mV	29.65 ft	275.00 ml/min
2/11/2025 1:45 PM	45:00	6.60 pH	16.25 °C	125.03 µS/cm	0.14 mg/L	15.40 NTU	-8.9 mV	29.65 ft	275.00 ml/min
2/11/2025 1:50 PM	50:00	6.60 pH	16.32 °C	125.38 µS/cm	0.11 mg/L	10.70 NTU	-8.3 mV	29.65 ft	275.00 ml/min
2/11/2025 1:55 PM	55:00	6.61 pH	16.43 °C	125.35 µS/cm	0.12 mg/L	9.67 NTU	-8.0 mV	29.65 ft	275.00 ml/min
2/11/2025 2:00 PM	01:00:00	6.59 pH	16.45 °C	125.28 µS/cm	0.11 mg/L	9.25 NTU	-5.6 mV	29.65 ft	275.00 ml/min
2/11/2025 2:05 PM	01:05:00	6.60 pH	16.51 °C	125.22 µS/cm	0.11 mg/L	10.50 NTU	-16.2 mV	29.65 ft	275.00 ml/min

2/11/2025 2:10 PM	01:10:00	6.60 pH	16.38 °C	125.36 µS/cm	0.13 mg/L	8.19 NTU	-4.9 mV	29.65 ft	275.00 ml/min
2/11/2025 2:15 PM	01:15:00	6.61 pH	16.38 °C	125.51 µS/cm	0.11 mg/L	8.33 NTU	-4.3 mV	29.65 ft	275.00 ml/min
2/11/2025 2:20 PM	01:20:00	6.61 pH	16.20 °C	125.58 µS/cm	0.12 mg/L	7.96 NTU	-3.8 mV	29.65 ft	275.00 ml/min
2/11/2025 2:25 PM	01:25:00	6.61 pH	16.32 °C	125.13 µS/cm	0.13 mg/L	7.34 NTU	-3.4 mV	29.65 ft	275.00 ml/min
2/11/2025 2:30 PM	01:30:00	6.61 pH	16.38 °C	125.32 µS/cm	0.12 mg/L	5.99 NTU	-3.0 mV	29.65 ft	275.00 ml/min
2/11/2025 2:35 PM	01:35:00	6.62 pH	16.34 °C	124.93 µS/cm	0.12 mg/L	5.67 NTU	-3.1 mV	29.65 ft	275.00 ml/min
2/11/2025 2:40 PM	01:40:00	6.62 pH	16.47 °C	124.50 µS/cm	0.13 mg/L	5.53 NTU	-2.7 mV	29.65 ft	275.00 ml/min
2/11/2025 2:45 PM	01:45:00	6.63 pH	16.34 °C	124.09 µS/cm	0.13 mg/L	5.06 NTU	-2.3 mV	29.65 ft	275.00 ml/min
2/11/2025 2:50 PM	01:50:00	6.63 pH	16.19 °C	123.86 µS/cm	0.13 mg/L	4.84 NTU	-11.1 mV	29.65 ft	275.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/12/2025 10:10:05 AM
Project: Plant Wansley Ash Pond
Operator Name: C.Klamke

Location Name: WGWC-13 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 85.46 ft** **Total Depth: 95.46 ft** **Initial Depth to Water: 23.25 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: 3.9 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 125 ml/min** **Final Draw Down: 34 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1120055**

Test Notes:
Sample time 1041. Rain, 44 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	
2/12/2025 10:10 AM	00:00	6.62 pH	11.32 °C	54.67 µS/cm	6.04 mg/L	1.67 NTU	119.3 mV	23.25 ft	125.00 ml/min
2/12/2025 10:15 AM	05:00	6.34 pH	12.93 °C	54.99 µS/cm	3.03 mg/L	1.80 NTU	69.6 mV	24.80 ft	125.00 ml/min
2/12/2025 10:20 AM	10:00	6.33 pH	13.26 °C	54.65 µS/cm	2.87 mg/L	2.01 NTU	51.4 mV	25.15 ft	125.00 ml/min
2/12/2025 10:25 AM	15:00	6.32 pH	13.52 °C	54.00 µS/cm	3.03 mg/L	1.81 NTU	46.2 mV	25.50 ft	125.00 ml/min
2/12/2025 10:30 AM	20:00	6.32 pH	13.86 °C	54.05 µS/cm	3.04 mg/L	1.92 NTU	43.7 mV	25.75 ft	125.00 ml/min
2/12/2025 10:31 AM	21:40	6.31 pH	13.86 °C	54.59 µS/cm	3.04 mg/L	2.14 NTU	40.9 mV	25.90 ft	125.00 ml/min
2/12/2025 10:36 AM	26:40	6.32 pH	13.84 °C	53.94 µS/cm	3.02 mg/L	2.19 NTU	42.3 mV	26.00 ft	125.00 ml/min
2/12/2025 10:41 AM	31:40	6.32 pH	13.77 °C	54.01 µS/cm	3.05 mg/L	2.81 NTU	40.9 mV	26.10 ft	125.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/12/2025 12:25:27 PM
Project: Plant Wansley Ash Pond
Operator Name: C.Klamke

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: 23.75 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 37 ft** **Estimated Total Volume Pumped: 3.75 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 125 ml/min** **Final Draw Down: 13 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1120055**

Test Notes:
Rainy 46 degrees, sample time 1255

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	
2/12/2025 12:25 PM	00:00	5.92 pH	6.61 °C	29.10 µS/cm	10.81 mg/L	2.04 NTU	116.7 mV	23.75 ft	125.00 ml/min
2/12/2025 12:30 PM	05:00	5.43 pH	12.95 °C	25.61 µS/cm	2.65 mg/L	1.68 NTU	67.2 mV	24.60 ft	125.00 ml/min
2/12/2025 12:35 PM	10:00	5.41 pH	12.68 °C	25.49 µS/cm	2.60 mg/L	1.64 NTU	54.6 mV	24.68 ft	125.00 ml/min
2/12/2025 12:40 PM	15:00	5.41 pH	13.10 °C	25.26 µS/cm	2.48 mg/L	1.68 NTU	51.6 mV	24.74 ft	125.00 ml/min
2/12/2025 12:45 PM	20:00	5.42 pH	13.49 °C	25.39 µS/cm	2.38 mg/L	1.97 NTU	50.3 mV	24.78 ft	125.00 ml/min
2/12/2025 12:50 PM	25:00	5.43 pH	13.50 °C	25.32 µS/cm	2.29 mg/L	1.87 NTU	48.8 mV	24.82 ft	125.00 ml/min
2/12/2025 12:55 PM	30:00	5.44 pH	13.63 °C	26.09 µS/cm	2.25 mg/L	2.14 NTU	48.2 mV	24.84 ft	125.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/13/2025 9:50:44 AM
Project: Plant Wansley Ash Pond
Operator Name: J. May

Location Name: WGWC-15 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 43.36 ft** **Total Depth: 53.36 ft** **Initial Depth to Water: 18.45 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: 13.75 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 125 ml/min** **Final Draw Down: 145.8 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183949**

Test Notes:
Sample Time: 1140
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	
2/13/2025 9:50 AM	00:00	7.76 pH	15.14 °C	206.75 µS/cm	4.87 mg/L	0.87 NTU	53.6 mV	18.45 ft	125.00 ml/min
2/13/2025 9:55 AM	05:00	7.86 pH	15.41 °C	210.73 µS/cm	1.36 mg/L	0.63 NTU	6.4 mV	20.60 ft	125.00 ml/min
2/13/2025 10:00 AM	10:00	7.86 pH	15.73 °C	197.78 µS/cm	2.59 mg/L	0.23 NTU	22.1 mV	21.30 ft	125.00 ml/min
2/13/2025 10:05 AM	15:00	7.86 pH	15.62 °C	192.90 µS/cm	3.57 mg/L	0.22 NTU	28.3 mV	22.10 ft	125.00 ml/min
2/13/2025 10:10 AM	20:00	7.87 pH	15.94 °C	192.36 µS/cm	3.81 mg/L	0.28 NTU	15.0 mV	22.90 ft	125.00 ml/min
2/13/2025 10:15 AM	25:00	7.87 pH	15.77 °C	191.63 µS/cm	3.87 mg/L	0.33 NTU	5.6 mV	23.60 ft	125.00 ml/min
2/13/2025 10:20 AM	30:00	7.87 pH	16.00 °C	191.20 µS/cm	3.89 mg/L	0.22 NTU	-0.1 mV	24.30 ft	125.00 ml/min
2/13/2025 10:25 AM	35:00	7.88 pH	15.96 °C	190.71 µS/cm	3.92 mg/L	0.25 NTU	-3.0 mV	25.30 ft	125.00 ml/min
2/13/2025 10:30 AM	40:00	7.89 pH	15.83 °C	189.79 µS/cm	3.93 mg/L	0.18 NTU	-4.1 mV	25.70 ft	125.00 ml/min
2/13/2025 10:35 AM	45:00	7.90 pH	16.00 °C	189.60 µS/cm	3.89 mg/L	0.24 NTU	-7.4 mV	26.40 ft	125.00 ml/min
2/13/2025 10:40 AM	50:00	7.90 pH	16.10 °C	189.40 µS/cm	3.86 mg/L	0.26 NTU	-14.5 mV	27.10 ft	125.00 ml/min
2/13/2025 10:45 AM	55:00	7.91 pH	15.88 °C	188.77 µS/cm	3.83 mg/L	0.18 NTU	-17.1 mV	27.60 ft	125.00 ml/min
2/13/2025 10:50 AM	01:00:00	7.92 pH	15.85 °C	188.69 µS/cm	3.78 mg/L	0.18 NTU	-23.2 mV	28.10 ft	125.00 ml/min
2/13/2025 10:55 AM	01:05:00	7.93 pH	15.88 °C	188.54 µS/cm	3.71 mg/L	0.19 NTU	-28.1 mV	28.70 ft	125.00 ml/min

2/13/2025 11:00 AM	01:10:00	7.94 pH	15.97 °C	188.47 µS/cm	3.62 mg/L	0.18 NTU	-32.8 mV	29.20 ft	125.00 ml/min
2/13/2025 11:05 AM	01:15:00	7.95 pH	16.06 °C	188.44 µS/cm	3.57 mg/L	0.20 NTU	-38.7 mV	29.70 ft	125.00 ml/min
2/13/2025 11:10 AM	01:20:00	7.96 pH	15.74 °C	188.03 µS/cm	3.57 mg/L	0.19 NTU	-40.9 mV	30.10 ft	125.00 ml/min
2/13/2025 11:20 AM	01:29:48	4.90 pH	12.64 °C	3.87 µS/cm	10.33 mg/L	0.22 NTU	177.9 mV	30.20 ft	125.00 ml/min
2/13/2025 11:25 AM	01:34:48	7.57 pH	15.53 °C	193.58 µS/cm	3.66 mg/L	0.30 NTU	43.1 mV	30.30 ft	125.00 ml/min
2/13/2025 11:30 AM	01:39:48	7.78 pH	15.74 °C	190.47 µS/cm	3.40 mg/L	0.21 NTU	-24.5 mV	30.40 ft	125.00 ml/min
2/13/2025 11:35 AM	01:44:48	7.82 pH	15.73 °C	189.74 µS/cm	3.32 mg/L	0.19 NTU	-41.9 mV	30.50 ft	125.00 ml/min
2/13/2025 11:40 AM	01:49:48	7.87 pH	15.62 °C	189.10 µS/cm	3.27 mg/L	0.20 NTU	-51.0 mV	30.60 ft	125.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/12/2025 1:35:05 PM
Project: Plant Wansley Ash Pond
Operator Name: J. May

Location Name: WGWC-16 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 24.78 ft** **Total Depth: 34.78 ft** **Initial Depth to Water: 18.63 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: 7.5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 300 ml/min** **Final Draw Down: 0.84 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183949**

Test Notes:
Sample Time: 1400
Rainy, 40s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/12/2025 1:35 PM	00:00	5.45 pH	14.01 °C	175.72 µS/cm	6.58 mg/L	3.64 NTU	121.7 mV	18.63 ft	300.00 ml/min
2/12/2025 1:40 PM	05:00	5.45 pH	15.04 °C	170.03 µS/cm	4.91 mg/L	2.31 NTU	184.0 mV	18.70 ft	300.00 ml/min
2/12/2025 1:45 PM	10:00	5.43 pH	15.00 °C	169.68 µS/cm	4.63 mg/L	1.48 NTU	208.4 mV	18.70 ft	300.00 ml/min
2/12/2025 1:50 PM	15:00	5.43 pH	15.15 °C	170.00 µS/cm	4.58 mg/L	1.43 NTU	214.7 mV	18.70 ft	300.00 ml/min
2/12/2025 1:55 PM	20:00	5.42 pH	15.20 °C	170.45 µS/cm	4.51 mg/L	0.95 NTU	224.1 mV	18.70 ft	300.00 ml/min
2/12/2025 2:00 PM	25:00	5.42 pH	14.77 °C	172.15 µS/cm	4.47 mg/L	0.80 NTU	232.4 mV	18.70 ft	300.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/11/2025 12:57:09 PM
Project: Plant Wansley Ash Pond
Operator Name: J. May

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: 29.88 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: 6 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 15.84 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183949**

Test Notes:
Sample Time: 1327
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	
2/11/2025 12:57 PM	00:00	6.47 pH	14.83 °C	80.91 µS/cm	4.57 mg/L	0.99 NTU	1.8 mV	29.88 ft	200.00 ml/min
2/11/2025 1:02 PM	05:00	6.29 pH	15.41 °C	82.36 µS/cm	2.29 mg/L	3.27 NTU	86.4 mV	31.00 ft	200.00 ml/min
2/11/2025 1:07 PM	10:00	6.27 pH	15.63 °C	82.48 µS/cm	1.91 mg/L	2.60 NTU	115.1 mV	31.10 ft	200.00 ml/min
2/11/2025 1:12 PM	15:00	6.27 pH	15.64 °C	82.49 µS/cm	1.54 mg/L	1.85 NTU	118.9 mV	31.20 ft	200.00 ml/min
2/11/2025 1:17 PM	20:00	6.26 pH	15.67 °C	82.54 µS/cm	1.39 mg/L	1.68 NTU	120.8 mV	31.20 ft	200.00 ml/min
2/11/2025 1:22 PM	25:00	6.25 pH	15.66 °C	82.62 µS/cm	1.35 mg/L	1.38 NTU	119.9 mV	31.20 ft	200.00 ml/min
2/11/2025 1:27 PM	30:00	6.26 pH	15.67 °C	82.43 µS/cm	1.31 mg/L	1.17 NTU	116.3 mV	31.20 ft	200.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/13/2025 9:20:43 AM
Project: Plant Wansley Ash Pond
Operator Name: Taylor Goble

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: 23.87 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: 5.6 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.86 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 989619**

Test Notes:
Sampled at 0945. AP1-FD-03 taken 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	
2/13/2025 9:20 AM	00:00	8.09 pH	10.64 °C	196.55 µS/cm	9.71 mg/L	1.45 NTU	145.4 mV	23.87 ft	240.00 ml/min
2/13/2025 9:25 AM	05:00	7.02 pH	13.85 °C	168.99 µS/cm	0.43 mg/L	1.76 NTU	48.9 mV	24.88 ft	240.00 ml/min
2/13/2025 9:30 AM	10:00	6.79 pH	14.07 °C	166.28 µS/cm	0.20 mg/L	2.17 NTU	77.1 mV	25.31 ft	240.00 ml/min
2/13/2025 9:35 AM	15:00	6.69 pH	14.25 °C	164.08 µS/cm	0.11 mg/L	2.09 NTU	58.6 mV	25.62 ft	200.00 ml/min
2/13/2025 9:40 AM	20:00	6.70 pH	13.75 °C	164.02 µS/cm	0.18 mg/L	1.94 NTU	52.5 mV	25.67 ft	200.00 ml/min
2/13/2025 9:45 AM	25:00	6.70 pH	13.68 °C	165.17 µS/cm	0.20 mg/L	1.71 NTU	49.1 mV	25.73 ft	200.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/12/2025 11:39:06 AM
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: 33.87 ft** **Total Depth: 43.87 ft** **Initial Depth to Water: 20.65 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: 25.5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 151.8 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 884189**

Test Notes:
Sample time 1359. Rain. 44 degrees F.
3 well volumes purged as water level went into screen.

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	
2/12/2025 11:39 AM	00:00	6.26 pH	10.90 °C	1,579.7 µS/cm	7.38 mg/L	1.09 NTU	-17.9 mV	29.65 ft	150.00 ml/min
2/12/2025 11:44 AM	05:00	5.55 pH	13.63 °C	1,537.0 µS/cm	3.50 mg/L	0.25 NTU	33.3 mV	31.78 ft	150.00 ml/min
2/12/2025 11:49 AM	10:00	5.43 pH	13.71 °C	1,571.8 µS/cm	2.90 mg/L	0.23 NTU	51.5 mV	32.91 ft	150.00 ml/min
2/12/2025 11:54 AM	15:00	5.39 pH	13.70 °C	1,571.5 µS/cm	2.75 mg/L	0.23 NTU	66.7 mV	32.97 ft	150.00 ml/min
2/12/2025 11:59 AM	20:00	5.36 pH	14.13 °C	1,594.1 µS/cm	2.66 mg/L	0.23 NTU	82.0 mV	33.04 ft	125.00 ml/min
2/12/2025 12:04 PM	25:00	5.35 pH	14.52 °C	1,568.8 µS/cm	2.55 mg/L	0.22 NTU	93.3 mV	33.09 ft	125.00 ml/min
2/12/2025 12:09 PM	30:00	5.34 pH	13.90 °C	1,606.0 µS/cm	2.65 mg/L	0.24 NTU	101.4 mV	33.17 ft	125.00 ml/min
2/12/2025 12:14 PM	35:00	5.34 pH	14.80 °C	1,561.0 µS/cm	2.48 mg/L	0.19 NTU	115.4 mV	33.23 ft	125.00 ml/min
2/12/2025 12:19 PM	40:00	5.36 pH	12.58 °C	1,567.2 µS/cm	2.46 mg/L	0.21 NTU	117.2 mV	33.24 ft	200.00 ml/min
2/12/2025 12:24 PM	45:00	5.36 pH	12.27 °C	1,576.9 µS/cm	2.48 mg/L	0.20 NTU	118.2 mV	33.25 ft	200.00 ml/min
2/12/2025 12:29 PM	50:00	5.36 pH	12.30 °C	1,590.3 µS/cm	2.47 mg/L	0.21 NTU	125.1 mV	33.27 ft	200.00 ml/min
2/12/2025 12:34 PM	55:00	5.35 pH	12.63 °C	1,595.4 µS/cm	2.44 mg/L	0.19 NTU	126.3 mV	33.29 ft	200.00 ml/min
2/12/2025 12:39 PM	01:00:00	5.33 pH	14.10 °C	1,592.0 µS/cm	2.39 mg/L	0.19 NTU	133.4 mV	33.29 ft	200.00 ml/min
2/12/2025 12:44 PM	01:05:00	5.34 pH	12.99 °C	1,576.9 µS/cm	2.35 mg/L	0.20 NTU	139.0 mV	33.29 ft	200.00 ml/min

2/12/2025 12:49 PM	01:10:00	5.35 pH	12.77 °C	1,573.3 µS/cm	2.34 mg/L	0.19 NTU	142.3 mV	33.30 ft	200.00 ml/min
2/12/2025 12:54 PM	01:15:00	5.35 pH	12.55 °C	1,583.1 µS/cm	2.38 mg/L	0.20 NTU	143.2 mV	33.30 ft	200.00 ml/min
2/12/2025 12:59 PM	01:20:00	5.34 pH	13.36 °C	1,579.4 µS/cm	2.35 mg/L	0.19 NTU	147.3 mV	33.30 ft	200.00 ml/min
2/12/2025 1:04 PM	01:25:00	5.34 pH	12.99 °C	1,575.5 µS/cm	2.33 mg/L	0.21 NTU	145.5 mV	33.30 ft	200.00 ml/min
2/12/2025 1:09 PM	01:30:00	5.34 pH	12.74 °C	1,579.1 µS/cm	2.34 mg/L	0.19 NTU	143.3 mV	33.30 ft	200.00 ml/min
2/12/2025 1:14 PM	01:35:00	5.33 pH	13.64 °C	1,580.9 µS/cm	2.35 mg/L	0.19 NTU	146.9 mV	33.30 ft	200.00 ml/min
2/12/2025 1:19 PM	01:40:00	5.34 pH	13.38 °C	1,559.9 µS/cm	2.27 mg/L	0.19 NTU	149.0 mV	33.30 ft	200.00 ml/min
2/12/2025 1:24 PM	01:45:00	5.33 pH	13.72 °C	1,576.9 µS/cm	2.33 mg/L	0.20 NTU	149.6 mV	33.30 ft	200.00 ml/min
2/12/2025 1:29 PM	01:50:00	5.34 pH	13.27 °C	1,566.3 µS/cm	2.30 mg/L	0.19 NTU	150.7 mV	33.30 ft	200.00 ml/min
2/12/2025 1:34 PM	01:55:00	5.34 pH	12.58 °C	1,576.0 µS/cm	2.31 mg/L	0.21 NTU	150.3 mV	33.30 ft	200.00 ml/min
2/12/2025 1:39 PM	02:00:00	5.34 pH	12.90 °C	1,571.6 µS/cm	2.30 mg/L	0.19 NTU	151.3 mV	33.30 ft	200.00 ml/min
2/12/2025 1:44 PM	02:05:00	5.33 pH	13.20 °C	1,574.7 µS/cm	2.32 mg/L	0.19 NTU	152.8 mV	33.30 ft	200.00 ml/min
2/12/2025 1:49 PM	02:10:00	5.33 pH	13.77 °C	1,572.5 µS/cm	2.30 mg/L	0.18 NTU	155.8 mV	33.30 ft	200.00 ml/min
2/12/2025 1:54 PM	02:15:00	5.33 pH	13.36 °C	1,566.1 µS/cm	2.29 mg/L	0.19 NTU	154.9 mV	33.30 ft	200.00 ml/min
2/12/2025 1:59 PM	02:20:00	5.33 pH	13.85 °C	1,560.5 µS/cm	2.31 mg/L	0.18 NTU	153.3 mV	33.30 ft	200.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/13/2025 11:08:36 AM
Project: Plant Wansley Ash Pond
Operator Name: Taylor Goble

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: 51.28 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: 5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 75 ml/min** **Final Draw Down: 4.27 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 989619**

Test Notes:
Sampled at 1208. Sunny 54 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	
2/13/2025 11:08 AM	00:00	7.10 pH	13.60 °C	920.53 µS/cm	9.56 mg/L	0.75 NTU	96.2 mV	51.28 ft	100.00 ml/min
2/13/2025 11:13 AM	05:00	7.03 pH	13.07 °C	981.60 µS/cm	7.33 mg/L	0.69 NTU	86.9 mV	51.85 ft	100.00 ml/min
2/13/2025 11:18 AM	10:00	6.73 pH	14.12 °C	1,174.7 µS/cm	3.21 mg/L	0.66 NTU	68.6 mV	52.31 ft	100.00 ml/min
2/13/2025 11:23 AM	15:00	6.67 pH	14.46 °C	1,181.5 µS/cm	2.47 mg/L	0.63 NTU	56.3 mV	52.95 ft	100.00 ml/min
2/13/2025 11:28 AM	20:00	6.66 pH	14.34 °C	1,221.1 µS/cm	1.52 mg/L	0.77 NTU	52.4 mV	53.36 ft	75.00 ml/min
2/13/2025 11:33 AM	25:00	6.64 pH	14.91 °C	1,205.4 µS/cm	1.13 mg/L	0.65 NTU	50.4 mV	53.80 ft	75.00 ml/min
2/13/2025 11:38 AM	30:00	6.63 pH	14.52 °C	1,180.4 µS/cm	1.27 mg/L	0.59 NTU	49.2 mV	54.62 ft	75.00 ml/min
2/13/2025 11:43 AM	35:00	6.62 pH	14.45 °C	1,146.8 µS/cm	1.77 mg/L	0.55 NTU	48.1 mV	55.05 ft	75.00 ml/min
2/13/2025 11:48 AM	40:00	6.62 pH	14.20 °C	1,107.0 µS/cm	2.37 mg/L	0.55 NTU	47.0 mV	55.17 ft	75.00 ml/min
2/13/2025 11:53 AM	45:00	6.64 pH	14.24 °C	1,081.4 µS/cm	2.91 mg/L	0.48 NTU	46.0 mV	55.31 ft	75.00 ml/min
2/13/2025 11:58 AM	50:00	6.64 pH	14.04 °C	1,065.2 µS/cm	3.22 mg/L	0.53 NTU	44.3 mV	55.39 ft	75.00 ml/min
2/13/2025 12:03 PM	55:00	6.63 pH	14.62 °C	1,040.2 µS/cm	3.36 mg/L	0.42 NTU	43.5 mV	55.46 ft	75.00 ml/min
2/13/2025 12:08 PM	01:00:00	6.63 pH	14.28 °C	1,032.4 µS/cm	3.49 mg/L	0.38 NTU	42.1 mV	55.55 ft	75.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/12/2025 1:22:09 PM
Project: Plant Wansley Ash Pond
Operator Name: Hunter Auld

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: 20.89 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: 5.25 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 45.7 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170046**

Test Notes:
Sample time 1352. Rain, 46 degrees. FB-08 here at 1420.

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	
2/12/2025 1:22 PM	00:00	6.27 pH	7.68 °C	196.46 µS/cm	10.67 mg/L	2.70 NTU	85.4 mV	20.89 ft	180.00 ml/min
2/12/2025 1:27 PM	05:00	5.49 pH	15.57 °C	181.84 µS/cm	2.92 mg/L	5.02 NTU	155.0 mV	22.70 ft	180.00 ml/min
2/12/2025 1:32 PM	10:00	5.48 pH	16.08 °C	182.47 µS/cm	2.39 mg/L	2.90 NTU	99.0 mV	23.60 ft	180.00 ml/min
2/12/2025 1:37 PM	15:00	5.47 pH	16.03 °C	181.88 µS/cm	2.17 mg/L	3.20 NTU	87.0 mV	24.00 ft	180.00 ml/min
2/12/2025 1:42 PM	20:00	5.47 pH	16.30 °C	181.87 µS/cm	2.09 mg/L	2.10 NTU	80.8 mV	24.50 ft	180.00 ml/min
2/12/2025 1:47 PM	25:00	5.47 pH	16.11 °C	181.59 µS/cm	2.08 mg/L	1.50 NTU	75.7 mV	24.60 ft	150.00 ml/min
2/12/2025 1:52 PM	30:00	5.47 pH	15.75 °C	181.36 µS/cm	2.09 mg/L	1.20 NTU	73.2 mV	24.70 ft	150.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/13/2025 1:32:31 PM
Project: Plant Wansley Ash Pond
Operator Name: Taylor Goble

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: 31.3 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: 13.5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.98 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 989619**

Test Notes:
Log 1 of 2. iPad battery died

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	
2/13/2025 1:32 PM	00:00	7.39 pH	15.48 °C	96.04 µS/cm	8.34 mg/L	23.00 NTU	74.9 mV	31.30 ft	150.00 ml/min
2/13/2025 1:37 PM	05:00	5.73 pH	14.64 °C	86.50 µS/cm	4.27 mg/L	65.00 NTU	103.4 mV	31.88 ft	150.00 ml/min
2/13/2025 1:42 PM	10:00	5.62 pH	14.82 °C	86.13 µS/cm	3.81 mg/L	155.00 NTU	100.7 mV	32.22 ft	150.00 ml/min
2/13/2025 1:47 PM	15:00	5.59 pH	14.75 °C	86.28 µS/cm	3.59 mg/L	212.00 NTU	131.7 mV	32.25 ft	150.00 ml/min
2/13/2025 1:52 PM	20:00	5.59 pH	14.87 °C	86.13 µS/cm	3.48 mg/L	199.00 NTU	98.5 mV	32.28 ft	150.00 ml/min
2/13/2025 1:57 PM	25:00	5.59 pH	14.87 °C	86.23 µS/cm	3.46 mg/L	153.00 NTU	94.6 mV	32.28 ft	150.00 ml/min
2/13/2025 2:02 PM	30:00	5.59 pH	14.85 °C	86.10 µS/cm	3.44 mg/L	128.00 NTU	93.1 mV	32.28 ft	150.00 ml/min
2/13/2025 2:07 PM	35:00	5.60 pH	14.81 °C	85.91 µS/cm	3.43 mg/L	115.00 NTU	122.4 mV	32.28 ft	150.00 ml/min
2/13/2025 2:12 PM	40:00	5.60 pH	14.85 °C	86.02 µS/cm	3.41 mg/L	102.00 NTU	92.2 mV	32.28 ft	150.00 ml/min
2/13/2025 2:17 PM	45:00	5.61 pH	15.06 °C	86.03 µS/cm	3.39 mg/L	92.00 NTU	89.9 mV	32.28 ft	150.00 ml/min
2/13/2025 2:22 PM	50:00	5.57 pH	15.17 °C	86.14 µS/cm	3.38 mg/L	85.00 NTU	90.8 mV	32.28 ft	150.00 ml/min
2/13/2025 2:27 PM	55:00	5.57 pH	15.06 °C	85.99 µS/cm	3.33 mg/L	74.00 NTU	89.9 mV	32.28 ft	150.00 ml/min
2/13/2025 2:32 PM	01:00:00	5.57 pH	15.16 °C	85.82 µS/cm	3.33 mg/L	64.00 NTU	119.7 mV	32.28 ft	150.00 ml/min
2/13/2025 2:37 PM	01:05:00	5.58 pH	15.31 °C	85.86 µS/cm	3.30 mg/L	58.00 NTU	90.3 mV	32.28 ft	150.00 ml/min

2/13/2025 2:42 PM	01:10:00	5.58 pH	15.40 °C	85.93 µS/cm	3.29 mg/L	46.00 NTU	88.6 mV	32.28 ft	150.00 ml/min
2/13/2025 2:47 PM	01:15:00	5.60 pH	15.21 °C	85.94 µS/cm	3.28 mg/L	44.00 NTU	116.8 mV	32.28 ft	150.00 ml/min
2/13/2025 2:52 PM	01:20:00	5.59 pH	15.27 °C	86.14 µS/cm	3.26 mg/L	51.00 NTU	89.2 mV	32.28 ft	150.00 ml/min
2/13/2025 2:57 PM	01:25:00	5.59 pH	15.34 °C	86.18 µS/cm	3.25 mg/L	51.00 NTU	87.6 mV	32.28 ft	150.00 ml/min
2/13/2025 3:02 PM	01:30:00	5.60 pH	15.29 °C	86.17 µS/cm	3.27 mg/L	49.20 NTU	115.1 mV	32.28 ft	150.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/13/2025 3:05:44 PM
Project: Plant Wansley Ash Pond
Operator Name: T. Goble

Location Name: WGWC-23 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 43.7 ft** **Total Depth: 53.7 ft** **Initial Depth to Water: 32.28 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: 13.5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 1.2 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 989619**

Test Notes:
Sample time 1635. Log 2 of 2. Sunny, 48 degrees F. Dissolved metals sample taken due to high NTU.

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	
2/13/2025 3:05 PM	00:00	5.60 pH	15.74 °C	86.60 µS/cm	3.16 mg/L	51.00 NTU	71.0 mV	32.28 ft	150.00 ml/min
2/13/2025 3:10 PM	05:00	5.56 pH	15.16 °C	86.74 µS/cm	3.14 mg/L	48.50 NTU	112.9 mV	32.30 ft	150.00 ml/min
2/13/2025 3:15 PM	10:00	5.59 pH	15.22 °C	86.75 µS/cm	3.13 mg/L	55.70 NTU	86.8 mV	32.32 ft	150.00 ml/min
2/13/2025 3:20 PM	15:00	5.60 pH	15.14 °C	86.88 µS/cm	3.11 mg/L	60.30 NTU	84.9 mV	32.36 ft	150.00 ml/min
2/13/2025 3:25 PM	20:00	5.58 pH	15.27 °C	86.96 µS/cm	3.09 mg/L	59.80 NTU	85.4 mV	32.38 ft	150.00 ml/min
2/13/2025 3:30 PM	25:00	5.59 pH	14.97 °C	86.99 µS/cm	3.11 mg/L	67.10 NTU	111.9 mV	32.38 ft	150.00 ml/min
2/13/2025 3:35 PM	30:00	5.60 pH	15.05 °C	87.23 µS/cm	3.10 mg/L	62.00 NTU	84.9 mV	32.38 ft	150.00 ml/min
2/13/2025 3:40 PM	35:00	5.61 pH	15.07 °C	87.23 µS/cm	3.08 mg/L	64.80 NTU	83.2 mV	32.38 ft	150.00 ml/min
2/13/2025 3:45 PM	40:00	5.57 pH	15.01 °C	86.91 µS/cm	3.07 mg/L	65.60 NTU	111.4 mV	32.38 ft	150.00 ml/min
2/13/2025 3:50 PM	45:00	5.60 pH	15.09 °C	87.17 µS/cm	3.06 mg/L	67.90 NTU	84.4 mV	32.38 ft	150.00 ml/min
2/13/2025 3:55 PM	50:00	5.61 pH	15.09 °C	87.32 µS/cm	3.05 mg/L	56.30 NTU	83.2 mV	32.38 ft	150.00 ml/min
2/13/2025 4:00 PM	55:00	5.59 pH	15.18 °C	87.25 µS/cm	3.03 mg/L	58.30 NTU	82.7 mV	32.38 ft	150.00 ml/min
2/13/2025 4:05 PM	01:00:00	5.58 pH	15.02 °C	87.36 µS/cm	3.04 mg/L	59.80 NTU	82.3 mV	32.38 ft	150.00 ml/min
2/13/2025 4:10 PM	01:05:00	5.61 pH	15.00 °C	87.26 µS/cm	3.06 mg/L	60.50 NTU	107.0 mV	32.38 ft	150.00 ml/min
2/13/2025 4:15 PM	01:10:00	5.61 pH	15.21 °C	87.22 µS/cm	3.03 mg/L	62.10 NTU	83.1 mV	32.38 ft	150.00 ml/min

2/13/2025 4:20 PM	01:15:00	5.59 pH	15.16 °C	87.24 µS/cm	3.04 mg/L	60.80 NTU	81.9 mV	32.38 ft	150.00 ml/min
2/13/2025 4:25 PM	01:20:00	5.60 pH	15.26 °C	87.12 µS/cm	3.04 mg/L	59.70 NTU	81.2 mV	32.38 ft	150.00 ml/min
2/13/2025 4:30 PM	01:25:00	5.61 pH	15.30 °C	87.16 µS/cm	3.05 mg/L	57.00 NTU	81.0 mV	32.38 ft	150.00 ml/min
2/13/2025 4:35 PM	01:30:00	5.58 pH	15.16 °C	86.86 µS/cm	3.04 mg/L	52.00 NTU	107.2 mV	32.38 ft	150.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/13/2025 11:26:03 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: 30.75 ft** **Total Depth: 40.75 ft** **Initial Depth to Water: 14.81 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: 10.125 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 225 ml/min** **Final Draw Down: 3.72 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 884189**

Test Notes:
Sample time 1211. 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	
2/13/2025 11:26 AM	00:00	5.29 pH	17.90 °C	196.20 µS/cm	6.96 mg/L	0.98 NTU	100.0 mV	14.81 ft	225.00 ml/min
2/13/2025 11:31 AM	05:00	4.56 pH	17.95 °C	195.86 µS/cm	1.96 mg/L	0.30 NTU	144.0 mV	15.11 ft	225.00 ml/min
2/13/2025 11:36 AM	10:00	4.52 pH	18.27 °C	194.45 µS/cm	1.51 mg/L	0.31 NTU	114.6 mV	15.12 ft	225.00 ml/min
2/13/2025 11:41 AM	15:00	4.51 pH	18.36 °C	195.48 µS/cm	1.34 mg/L	0.31 NTU	112.9 mV	15.12 ft	225.00 ml/min
2/13/2025 11:46 AM	20:00	4.50 pH	18.38 °C	195.84 µS/cm	1.39 mg/L	0.30 NTU	111.4 mV	15.12 ft	225.00 ml/min
2/13/2025 11:51 AM	25:00	4.49 pH	18.38 °C	196.00 µS/cm	1.46 mg/L	0.32 NTU	108.6 mV	15.12 ft	225.00 ml/min
2/13/2025 11:56 AM	30:00	4.49 pH	18.35 °C	188.78 µS/cm	1.37 mg/L	0.24 NTU	106.9 mV	15.12 ft	225.00 ml/min
2/13/2025 12:01 PM	35:00	4.49 pH	18.29 °C	198.38 µS/cm	1.37 mg/L	0.20 NTU	106.6 mV	15.12 ft	225.00 ml/min
2/13/2025 12:06 PM	40:00	4.50 pH	18.38 °C	201.12 µS/cm	1.38 mg/L	0.33 NTU	103.5 mV	15.12 ft	225.00 ml/min
2/13/2025 12:11 PM	45:00	4.49 pH	18.35 °C	206.19 µS/cm	1.22 mg/L	0.31 NTU	102.9 mV	15.12 ft	225.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/12/2025 9:27:05 AM
Project: Plant Wansley Ash Pond
Operator Name: J. May

Location Name: WGWC-25 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 29.83 ft** **Total Depth: 39.83 ft** **Initial Depth to Water: 18.13 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: 65.58 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 8.04 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183949**

Test Notes:
Sample Time: 1232
Rainy, 40s Field filtered for Dissolved Metals

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	
2/12/2025 9:27 AM	00:00	5.93 pH	15.03 °C	266.32 µS/cm	1.21 mg/L	37.10 NTU	40.6 mV	18.13 ft	300.00 ml/min
2/12/2025 9:32 AM	05:00	5.91 pH	15.15 °C	269.67 µS/cm	0.30 mg/L	23.70 NTU	9.5 mV	18.60 ft	300.00 ml/min
2/12/2025 9:37 AM	10:00	5.88 pH	14.68 °C	272.47 µS/cm	0.28 mg/L	19.80 NTU	0.6 mV	18.60 ft	300.00 ml/min
2/12/2025 9:42 AM	15:00	5.90 pH	14.53 °C	274.56 µS/cm	0.28 mg/L	18.10 NTU	-10.7 mV	18.60 ft	300.00 ml/min
2/12/2025 9:47 AM	20:00	5.90 pH	15.29 °C	276.78 µS/cm	0.24 mg/L	19.00 NTU	-16.4 mV	18.60 ft	300.00 ml/min
2/12/2025 9:52 AM	25:00	5.93 pH	15.94 °C	276.48 µS/cm	0.23 mg/L	24.50 NTU	-27.7 mV	18.80 ft	400.00 ml/min
2/12/2025 9:57 AM	30:00	5.88 pH	15.94 °C	275.17 µS/cm	0.19 mg/L	12.60 NTU	-22.6 mV	18.80 ft	400.00 ml/min
2/12/2025 10:02 AM	35:00	5.87 pH	15.55 °C	277.71 µS/cm	0.19 mg/L	10.70 NTU	-24.4 mV	18.80 ft	400.00 ml/min
2/12/2025 10:07 AM	40:00	5.88 pH	15.89 °C	276.82 µS/cm	0.19 mg/L	9.27 NTU	-29.9 mV	18.80 ft	400.00 ml/min
2/12/2025 10:12 AM	45:00	5.90 pH	15.77 °C	276.74 µS/cm	0.18 mg/L	8.94 NTU	-35.5 mV	18.80 ft	400.00 ml/min
2/12/2025 10:17 AM	50:00	5.91 pH	15.48 °C	273.07 µS/cm	0.19 mg/L	9.53 NTU	-40.0 mV	18.80 ft	400.00 ml/min
2/12/2025 10:22 AM	55:00	5.92 pH	15.96 °C	278.35 µS/cm	0.19 mg/L	8.96 NTU	-45.8 mV	18.80 ft	400.00 ml/min
2/12/2025 10:27 AM	01:00:00	5.93 pH	16.08 °C	278.36 µS/cm	0.18 mg/L	8.40 NTU	-49.5 mV	18.80 ft	400.00 ml/min

2/12/2025 10:32 AM	01:05:00	5.94 pH	15.83 °C	279.02 µS/cm	0.18 mg/L	9.09 NTU	-52.3 mV	18.80 ft	400.00 ml/min
2/12/2025 10:37 AM	01:10:00	5.96 pH	15.68 °C	279.57 µS/cm	0.18 mg/L	7.86 NTU	-55.8 mV	18.80 ft	400.00 ml/min
2/12/2025 10:42 AM	01:15:00	5.98 pH	15.58 °C	281.99 µS/cm	0.18 mg/L	6.94 NTU	-59.3 mV	18.80 ft	400.00 ml/min
2/12/2025 10:47 AM	01:20:00	6.01 pH	15.74 °C	282.49 µS/cm	0.18 mg/L	7.32 NTU	-63.9 mV	18.80 ft	400.00 ml/min
2/12/2025 10:52 AM	01:25:00	6.04 pH	15.90 °C	283.64 µS/cm	0.18 mg/L	7.84 NTU	-68.1 mV	18.80 ft	400.00 ml/min
2/12/2025 10:57 AM	01:30:00	6.09 pH	15.37 °C	285.21 µS/cm	0.31 mg/L	8.55 NTU	-71.5 mV	18.80 ft	400.00 ml/min
2/12/2025 11:02 AM	01:35:00	6.10 pH	15.87 °C	290.33 µS/cm	0.19 mg/L	7.84 NTU	-74.4 mV	18.80 ft	400.00 ml/min
2/12/2025 11:07 AM	01:40:00	6.13 pH	15.88 °C	294.20 µS/cm	0.17 mg/L	8.17 NTU	-75.3 mV	18.80 ft	400.00 ml/min
2/12/2025 11:12 AM	01:45:00	6.16 pH	15.74 °C	297.61 µS/cm	0.17 mg/L	9.46 NTU	-74.0 mV	18.80 ft	400.00 ml/min
2/12/2025 11:17 AM	01:50:00	6.19 pH	15.80 °C	301.91 µS/cm	0.18 mg/L	10.60 NTU	-71.0 mV	18.80 ft	400.00 ml/min
2/12/2025 11:22 AM	01:55:00	6.20 pH	15.57 °C	306.32 µS/cm	0.17 mg/L	11.60 NTU	-63.8 mV	18.80 ft	400.00 ml/min
2/12/2025 11:27 AM	02:00:00	6.21 pH	15.20 °C	304.81 µS/cm	0.14 mg/L	12.00 NTU	-53.8 mV	18.80 ft	300.00 ml/min
2/12/2025 11:32 AM	02:05:00	6.27 pH	15.07 °C	312.08 µS/cm	0.17 mg/L	15.00 NTU	-46.6 mV	18.80 ft	300.00 ml/min
2/12/2025 11:37 AM	02:10:00	6.26 pH	15.17 °C	305.70 µS/cm	0.18 mg/L	18.70 NTU	-37.1 mV	18.80 ft	300.00 ml/min
2/12/2025 11:42 AM	02:15:00	6.23 pH	15.57 °C	305.79 µS/cm	0.16 mg/L	17.60 NTU	-27.4 mV	18.80 ft	300.00 ml/min
2/12/2025 11:47 AM	02:20:00	6.22 pH	15.78 °C	302.66 µS/cm	0.16 mg/L	20.80 NTU	-20.0 mV	18.80 ft	300.00 ml/min
2/12/2025 11:52 AM	02:25:00	6.21 pH	15.48 °C	299.24 µS/cm	0.16 mg/L	22.20 NTU	-13.8 mV	18.80 ft	300.00 ml/min
2/12/2025 11:57 AM	02:30:00	6.20 pH	14.91 °C	293.04 µS/cm	0.16 mg/L	23.70 NTU	-7.9 mV	18.80 ft	200.00 ml/min
2/12/2025 12:02 PM	02:35:00	6.29 pH	13.51 °C	293.53 µS/cm	0.18 mg/L	29.60 NTU	-8.9 mV	18.80 ft	200.00 ml/min
2/12/2025 12:07 PM	02:40:00	6.29 pH	14.06 °C	289.28 µS/cm	0.21 mg/L	36.40 NTU	-10.8 mV	18.80 ft	200.00 ml/min
2/12/2025 12:12 PM	02:45:00	6.28 pH	15.47 °C	284.30 µS/cm	0.22 mg/L	41.30 NTU	-12.9 mV	18.80 ft	400.00 ml/min
2/12/2025 12:17 PM	02:50:00	6.24 pH	15.12 °C	280.25 µS/cm	0.16 mg/L	37.20 NTU	-6.5 mV	18.80 ft	400.00 ml/min
2/12/2025 12:22 PM	02:55:00	6.21 pH	15.42 °C	273.53 µS/cm	0.16 mg/L	33.40 NTU	-0.1 mV	18.80 ft	400.00 ml/min
2/12/2025 12:27 PM	03:00:00	6.20 pH	15.74 °C	268.13 µS/cm	0.16 mg/L	32.00 NTU	3.9 mV	18.80 ft	400.00 ml/min
2/12/2025 12:32 PM	03:05:12	6.19 pH	15.65 °C	263.39 µS/cm	0.16 mg/L	30.00 NTU	7.5 mV	18.80 ft	400.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/12/2025 9:41:55 AM
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: 31.69 ft** **Total Depth: 41.69 ft** **Initial Depth to Water: 14.12 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: 19.5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 114 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1170046**

Test Notes:
Sample time 1132. Rain 45 degrees.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/12/2025 9:41 AM	00:00	6.48 pH	15.26 °C	489.27 µS/cm	2.66 mg/L	3.40 NTU	-6.4 mV	14.12 ft	150.00 ml/min
2/12/2025 9:46 AM	05:00	6.57 pH	16.37 °C	582.57 µS/cm	1.51 mg/L	2.51 NTU	-20.8 mV	15.80 ft	150.00 ml/min
2/12/2025 9:51 AM	10:00	6.59 pH	16.59 °C	586.93 µS/cm	1.08 mg/L	2.77 NTU	-23.9 mV	16.40 ft	150.00 ml/min
2/12/2025 9:56 AM	15:00	6.54 pH	16.56 °C	551.99 µS/cm	1.38 mg/L	1.03 NTU	-15.9 mV	17.00 ft	150.00 ml/min
2/12/2025 10:01 AM	20:00	6.50 pH	16.65 °C	520.42 µS/cm	1.76 mg/L	1.20 NTU	-7.7 mV	17.70 ft	150.00 ml/min
2/12/2025 10:06 AM	25:00	6.46 pH	16.58 °C	470.56 µS/cm	2.04 mg/L	2.40 NTU	-1.8 mV	18.00 ft	150.00 ml/min
2/12/2025 10:11 AM	30:00	6.40 pH	16.53 °C	392.78 µS/cm	2.40 mg/L	2.30 NTU	2.5 mV	18.50 ft	150.00 ml/min
2/12/2025 10:16 AM	35:00	6.33 pH	16.61 °C	336.13 µS/cm	2.88 mg/L	1.70 NTU	10.7 mV	18.90 ft	200.00 ml/min
2/12/2025 10:21 AM	40:00	6.28 pH	16.65 °C	305.11 µS/cm	3.30 mg/L	1.83 NTU	18.3 mV	19.20 ft	200.00 ml/min
2/12/2025 10:26 AM	45:00	6.26 pH	17.00 °C	288.32 µS/cm	3.54 mg/L	2.10 NTU	21.9 mV	19.90 ft	200.00 ml/min
2/12/2025 10:31 AM	50:00	6.24 pH	17.00 °C	271.72 µS/cm	3.57 mg/L	1.40 NTU	25.9 mV	20.50 ft	200.00 ml/min
2/12/2025 10:36 AM	55:00	6.22 pH	17.10 °C	254.60 µS/cm	3.85 mg/L	1.80 NTU	29.8 mV	20.90 ft	200.00 ml/min
2/12/2025 10:41 AM	01:00:00	6.19 pH	16.92 °C	237.79 µS/cm	4.27 mg/L	1.52 NTU	32.8 mV	21.30 ft	200.00 ml/min
2/12/2025 10:46 AM	01:05:00	6.16 pH	17.10 °C	182.83 µS/cm	4.23 mg/L	1.40 NTU	47.0 mV	21.70 ft	200.00 ml/min

2/12/2025 10:51 AM	01:10:00	6.16 pH	17.05 °C	221.01 µS/cm	4.53 mg/L	1.80 NTU	38.3 mV	22.10 ft	200.00 ml/min
2/12/2025 10:56 AM	01:15:00	6.14 pH	17.01 °C	213.30 µS/cm	4.83 mg/L	1.10 NTU	39.8 mV	22.50 ft	200.00 ml/min
2/12/2025 11:01 AM	01:20:00	6.13 pH	17.10 °C	204.49 µS/cm	4.81 mg/L	1.20 NTU	41.8 mV	22.70 ft	200.00 ml/min
2/12/2025 11:06 AM	01:25:00	6.12 pH	16.97 °C	199.67 µS/cm	4.92 mg/L	0.71 NTU	43.0 mV	23.00 ft	200.00 ml/min
2/12/2025 11:11 AM	01:30:00	6.09 pH	17.07 °C	196.66 µS/cm	4.90 mg/L	1.50 NTU	45.2 mV	23.30 ft	200.00 ml/min
2/12/2025 11:16 AM	01:35:00	6.09 pH	16.83 °C	188.86 µS/cm	5.08 mg/L	1.20 NTU	45.0 mV	23.40 ft	150.00 ml/min
2/12/2025 11:21 AM	01:40:00	6.05 pH	16.77 °C	171.35 µS/cm	5.22 mg/L	1.50 NTU	47.5 mV	23.50 ft	150.00 ml/min
2/12/2025 11:26 AM	01:45:00	6.03 pH	16.57 °C	166.73 µS/cm	5.25 mg/L	1.60 NTU	48.9 mV	23.50 ft	150.00 ml/min
2/12/2025 11:31 AM	01:50:00	6.02 pH	16.69 °C	164.96 µS/cm	5.37 mg/L	1.30 NTU	49.4 mV	23.60 ft	150.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/12/2025 9:42:06 AM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

Location Name: WGWC-28D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 199.58 ft** **Total Depth: 209.58 ft** **Initial Depth to Water: 35.35 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 205 ft** **Estimated Total Volume Pumped: 6 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 16.32 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 884189**

Test Notes:
Sample time 1022. Rain, 44 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	
2/12/2025 9:42 AM	00:00	6.63 pH	7.08 °C	2,634.5 µS/cm	10.16 mg/L	0.73 NTU	91.5 mV	35.35 ft	150.00 ml/min
2/12/2025 9:47 AM	05:00	6.48 pH	7.03 °C	2,587.0 µS/cm	8.67 mg/L	1.34 NTU	50.9 mV	35.82 ft	150.00 ml/min
2/12/2025 9:52 AM	10:00	6.55 pH	7.18 °C	2,619.9 µS/cm	4.78 mg/L	0.59 NTU	-92.2 mV	35.93 ft	150.00 ml/min
2/12/2025 9:57 AM	15:00	6.62 pH	7.35 °C	2,608.4 µS/cm	3.22 mg/L	0.62 NTU	-115.7 mV	36.11 ft	150.00 ml/min
2/12/2025 10:02 AM	20:00	6.66 pH	7.16 °C	2,598.6 µS/cm	3.01 mg/L	0.48 NTU	-125.8 mV	36.38 ft	150.00 ml/min
2/12/2025 10:07 AM	25:00	6.66 pH	7.18 °C	2,595.0 µS/cm	2.32 mg/L	0.32 NTU	-128.8 mV	36.55 ft	150.00 ml/min
2/12/2025 10:12 AM	30:00	6.67 pH	7.29 °C	2,593.8 µS/cm	2.01 mg/L	0.34 NTU	-128.8 mV	36.68 ft	150.00 ml/min
2/12/2025 10:17 AM	35:00	6.67 pH	7.32 °C	2,583.4 µS/cm	1.92 mg/L	0.36 NTU	-120.0 mV	36.71 ft	150.00 ml/min
2/12/2025 10:22 AM	40:00	6.64 pH	6.98 °C	2,581.3 µS/cm	1.82 mg/L	0.32 NTU	-104.4 mV	36.71 ft	150.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 4/7/2025 12:56:02 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: 6.59 ft**	**Pump Type: Double Valve Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 320 ft** **Estimated Total Volume Pumped: 5.5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 1.52 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183949**

Test Notes:
Sampled at 1351. Cloudy 61 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	
4/7/2025 12:56 PM	00:00	7.42 pH	20.84 °C	1,978.7 µS/cm	3.97 mg/L	6.02 NTU	179.2 mV	6.59 ft	100.00 ml/min
4/7/2025 1:01 PM	05:00	7.58 pH	19.35 °C	1,963.5 µS/cm	3.68 mg/L	6.54 NTU	25.4 mV	7.07 ft	100.00 ml/min
4/7/2025 1:06 PM	10:00	7.60 pH	18.93 °C	1,966.5 µS/cm	4.70 mg/L	10.20 NTU	-69.6 mV	7.58 ft	100.00 ml/min
4/7/2025 1:11 PM	15:00	7.63 pH	18.75 °C	1,944.3 µS/cm	4.93 mg/L	7.42 NTU	-80.6 mV	7.65 ft	100.00 ml/min
4/7/2025 1:16 PM	20:00	7.63 pH	18.70 °C	1,916.3 µS/cm	2.32 mg/L	6.11 NTU	-110.2 mV	7.72 ft	100.00 ml/min
4/7/2025 1:21 PM	25:00	7.64 pH	18.55 °C	1,888.0 µS/cm	1.23 mg/L	11.80 NTU	-131.3 mV	7.79 ft	100.00 ml/min
4/7/2025 1:26 PM	30:00	7.62 pH	18.46 °C	1,874.2 µS/cm	0.86 mg/L	9.65 NTU	-141.9 mV	7.85 ft	100.00 ml/min
4/7/2025 1:31 PM	35:00	7.56 pH	18.38 °C	1,861.9 µS/cm	0.66 mg/L	7.22 NTU	-147.4 mV	7.91 ft	100.00 ml/min
4/7/2025 1:36 PM	40:00	7.50 pH	18.25 °C	1,848.4 µS/cm	0.54 mg/L	5.31 NTU	-151.9 mV	7.99 ft	100.00 ml/min
4/7/2025 1:41 PM	45:00	7.44 pH	18.13 °C	1,817.5 µS/cm	0.47 mg/L	4.87 NTU	-154.4 mV	8.06 ft	100.00 ml/min
4/7/2025 1:46 PM	49:59	7.39 pH	18.07 °C	1,813.0 µS/cm	0.41 mg/L	4.81 NTU	-157.4 mV	8.11 ft	100.00 ml/min
4/7/2025 1:51 PM	54:59	7.36 pH	17.98 °C	1,791.3 µS/cm	0.37 mg/L	4.89 NTU	-159.6 mV	8.11 ft	100.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 4/7/2025 2:34:55 PM
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: 6.58 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: 3 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0.9 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183949**

Test Notes:
Sampled at 1505. Raining 60 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	
4/7/2025 2:34 PM	00:00	7.10 pH	17.73 °C	1,677.0 µS/cm	5.35 mg/L	10.30 NTU	-20.7 mV	6.58 ft	100.00 ml/min
4/7/2025 2:39 PM	05:00	7.82 pH	17.17 °C	1,698.9 µS/cm	1.52 mg/L	3.53 NTU	-140.3 mV	6.87 ft	100.00 ml/min
4/7/2025 2:44 PM	10:00	7.85 pH	17.10 °C	1,700.1 µS/cm	1.15 mg/L	2.33 NTU	-143.2 mV	7.17 ft	100.00 ml/min
4/7/2025 2:49 PM	15:00	7.85 pH	16.98 °C	1,697.3 µS/cm	0.99 mg/L	2.12 NTU	-146.5 mV	7.30 ft	100.00 ml/min
4/7/2025 2:54 PM	20:00	7.84 pH	17.17 °C	1,694.7 µS/cm	0.74 mg/L	1.88 NTU	-147.1 mV	7.37 ft	100.00 ml/min
4/7/2025 2:59 PM	25:00	7.83 pH	17.16 °C	1,689.3 µS/cm	0.60 mg/L	1.71 NTU	-150.0 mV	7.44 ft	100.00 ml/min
4/7/2025 3:04 PM	30:00	7.83 pH	17.19 °C	1,686.4 µS/cm	0.55 mg/L	1.65 NTU	-150.8 mV	7.48 ft	100.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 6/4/2025 10:07:05 AM
Project: Plant Wansley Ash Pond
Operator Name: J. May

Location Name: PZ-23D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 84.78 ft** **Total Depth: 94.78 ft** **Initial Depth to Water: 48.83 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 89.78 ft** **Estimated Total Volume Pumped: 13.8 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 230 ml/min** **Final Draw Down: 3.24 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183949**

Test Notes:
Sample Time: 1107
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	
6/4/2025 10:07 AM	00:00	5.89 pH	19.12 °C	284.24 µS/cm	0.70 mg/L	12.10 NTU	90.3 mV	48.83 ft	230.00 ml/min
6/4/2025 10:12 AM	05:00	5.85 pH	18.61 °C	276.40 µS/cm	0.29 mg/L	7.03 NTU	56.3 mV	49.10 ft	230.00 ml/min
6/4/2025 10:17 AM	10:00	6.09 pH	18.60 °C	275.77 µS/cm	0.24 mg/L	6.86 NTU	34.9 mV	49.10 ft	230.00 ml/min
6/4/2025 10:22 AM	15:00	6.29 pH	18.44 °C	275.80 µS/cm	0.20 mg/L	6.01 NTU	13.0 mV	49.10 ft	230.00 ml/min
6/4/2025 10:27 AM	20:00	6.44 pH	18.29 °C	275.26 µS/cm	0.19 mg/L	6.14 NTU	-5.5 mV	49.10 ft	230.00 ml/min
6/4/2025 10:32 AM	25:00	6.50 pH	18.41 °C	275.91 µS/cm	0.18 mg/L	5.15 NTU	-13.4 mV	49.10 ft	230.00 ml/min
6/4/2025 10:37 AM	30:00	6.54 pH	18.29 °C	277.12 µS/cm	0.18 mg/L	5.88 NTU	-20.2 mV	49.10 ft	230.00 ml/min
6/4/2025 10:42 AM	35:00	6.70 pH	18.38 °C	280.31 µS/cm	0.15 mg/L	5.42 NTU	-30.3 mV	49.10 ft	230.00 ml/min
6/4/2025 10:47 AM	40:00	6.62 pH	18.28 °C	281.02 µS/cm	0.17 mg/L	5.09 NTU	-35.9 mV	49.10 ft	230.00 ml/min
6/4/2025 10:52 AM	45:00	6.55 pH	18.36 °C	273.37 µS/cm	0.22 mg/L	4.25 NTU	-42.4 mV	49.10 ft	230.00 ml/min
6/4/2025 10:57 AM	50:00	6.57 pH	18.44 °C	266.75 µS/cm	0.29 mg/L	4.36 NTU	-45.7 mV	49.10 ft	230.00 ml/min
6/4/2025 11:02 AM	55:00	6.52 pH	18.54 °C	260.18 µS/cm	0.37 mg/L	3.05 NTU	-47.5 mV	49.10 ft	230.00 ml/min
6/4/2025 11:07 AM	01:00:00	6.59 pH	18.55 °C	256.14 µS/cm	0.42 mg/L	3.34 NTU	-47.8 mV	49.10 ft	230.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 8/13/2025 3:20:08 PM
Project: Plant Wansley Ash Pond
Operator Name: C.Klamke

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: 17.44 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 75 ft** **Estimated Total Volume Pumped: 8 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 4.53 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 1600. Cloudy 84 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	
8/13/2025 3:20 PM	00:00	6.361 pH	24.21 °C	192.1 µS/cm	3.466 mg/L	4.920 NTU	163.6 mV	17.44 ft	200.0 ml/min
8/13/2025 3:25 PM	05:00	6.219 pH	21.88 °C	227.1 µS/cm	0.399 mg/L	7.320 NTU	179.0 mV	19.33 ft	200.0 ml/min
8/13/2025 3:30 PM	10:00	6.159 pH	21.71 °C	226.8 µS/cm	0.297 mg/L	5.360 NTU	180.0 mV	20.20 ft	200.0 ml/min
8/13/2025 3:35 PM	15:00	6.124 pH	21.56 °C	224.5 µS/cm	0.297 mg/L	3.140 NTU	180.2 mV	20.85 ft	200.0 ml/min
8/13/2025 3:40 PM	20:00	6.112 pH	21.68 °C	215.5 µS/cm	0.476 mg/L	2.970 NTU	181.4 mV	21.24 ft	200.0 ml/min
8/13/2025 3:45 PM	25:00	6.121 pH	21.54 °C	200.7 µS/cm	0.998 mg/L	2.570 NTU	179.3 mV	21.53 ft	200.0 ml/min
8/13/2025 3:50 PM	30:00	6.123 pH	21.30 °C	202.9 µS/cm	0.959 mg/L	2.530 NTU	177.9 mV	21.74 ft	200.0 ml/min
8/13/2025 3:55 PM	35:00	6.091 pH	21.61 °C	206.7 µS/cm	0.914 mg/L	2.600 NTU	175.7 mV	21.91 ft	200.0 ml/min
8/13/2025 4:00 PM	40:00	6.095 pH	21.38 °C	208.5 µS/cm	0.848 mg/L	2.760 NTU	176.0 mV	21.97 ft	200.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 8/13/2025 1:40:05 PM
Project: Plant Wansley Ash Pond
Operator Name: C.Klamke

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: 19.73 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: 1.83 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 1410. Cloudy 83 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	
8/13/2025 1:40 PM	00:00	5.138 pH	23.75 °C	44.20 µS/cm	3.899 mg/L	3.730 NTU	196.7 mV	19.73 ft	200.0 ml/min
8/13/2025 1:45 PM	05:00	5.020 pH	21.98 °C	39.12 µS/cm	3.548 mg/L	2.710 NTU	210.6 mV	21.01 ft	200.0 ml/min
8/13/2025 1:50 PM	10:00	4.854 pH	21.93 °C	37.87 µS/cm	3.524 mg/L	4.620 NTU	224.8 mV	21.23 ft	200.0 ml/min
8/13/2025 1:55 PM	15:00	4.775 pH	21.65 °C	37.49 µS/cm	3.444 mg/L	2.640 NTU	224.8 mV	21.38 ft	200.0 ml/min
8/13/2025 2:00 PM	20:00	4.736 pH	21.58 °C	37.30 µS/cm	3.320 mg/L	3.450 NTU	224.8 mV	21.47 ft	200.0 ml/min
8/13/2025 2:05 PM	25:00	4.733 pH	21.74 °C	37.44 µS/cm	3.217 mg/L	2.020 NTU	222.1 mV	21.51 ft	200.0 ml/min
8/13/2025 2:10 PM	30:00	4.740 pH	21.95 °C	37.40 µS/cm	3.125 mg/L	2.880 NTU	220.1 mV	21.56 ft	200.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/19/2025 10:33:10 AM
Project: Plant Wansley Ash Pond
Operator Name: Hunter Auld

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: 5.66 ft**	**Pump Type: Double Valve Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 320 ft** **Estimated Total Volume Pumped: 35.2 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.24 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183949**

Test Notes:
Sample time 1418. Cloudy 87.

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	
8/19/2025 10:33 AM	00:00	7.252 pH	22.49 °C	2,385 µS/cm	1.678 mg/L	43.20 NTU	-82.9 mV	5.660 ft	120.0 ml/min
8/19/2025 10:38 AM	05:00	7.284 pH	21.51 °C	2,464 µS/cm	0.915 mg/L	455.0 NTU	-98.3 mV	6.650 ft	120.0 ml/min
8/19/2025 10:43 AM	10:00	7.286 pH	21.38 °C	2,499 µS/cm	0.729 mg/L	196.0 NTU	-115.5 mV	6.650 ft	120.0 ml/min
8/19/2025 10:48 AM	15:00	7.300 pH	20.93 °C	2,495 µS/cm	0.624 mg/L	71.00 NTU	-127.8 mV	6.650 ft	120.0 ml/min
8/19/2025 10:53 AM	20:00	7.325 pH	21.09 °C	2,517 µS/cm	0.555 mg/L	42.50 NTU	-130.8 mV	6.650 ft	120.0 ml/min
8/19/2025 10:58 AM	25:00	7.359 pH	20.86 °C	2,550 µS/cm	0.490 mg/L	41.30 NTU	-131.7 mV	6.650 ft	120.0 ml/min
8/19/2025 11:03 AM	30:00	7.385 pH	20.74 °C	2,592 µS/cm	0.638 mg/L	68.20 NTU	-121.3 mV	6.650 ft	120.0 ml/min
8/19/2025 11:08 AM	35:00	7.392 pH	21.17 °C	2,620 µS/cm	0.486 mg/L	93.90 NTU	-124.6 mV	6.650 ft	120.0 ml/min
8/19/2025 11:13 AM	40:00	7.399 pH	21.48 °C	2,615 µS/cm	0.430 mg/L	105.0 NTU	-127.0 mV	6.650 ft	120.0 ml/min
8/19/2025 11:18 AM	45:00	7.388 pH	21.65 °C	2,584 µS/cm	0.398 mg/L	120.0 NTU	-129.5 mV	6.650 ft	120.0 ml/min
8/19/2025 11:23 AM	50:00	7.358 pH	21.81 °C	2,558 µS/cm	0.387 mg/L	30.70 NTU	-128.9 mV	6.650 ft	120.0 ml/min
8/19/2025 11:28 AM	55:00	7.389 pH	21.72 °C	2,558 µS/cm	0.341 mg/L	29.60 NTU	-133.4 mV	6.650 ft	120.0 ml/min
8/19/2025 11:33 AM	01:00:00	7.391 pH	21.90 °C	2,554 µS/cm	0.308 mg/L	42.30 NTU	-133.2 mV	6.650 ft	120.0 ml/min
8/19/2025 11:38 AM	01:05:00	7.388 pH	21.97 °C	2,533 µS/cm	0.280 mg/L	57.00 NTU	-134.9 mV	6.650 ft	120.0 ml/min
8/19/2025 11:43 AM	01:10:00	7.380 pH	21.94 °C	2,530 µS/cm	0.265 mg/L	75.40 NTU	-135.2 mV	6.650 ft	120.0 ml/min

8/19/2025 11:48 AM	01:15:00	7.386 pH	22.19 °C	2,515 µS/cm	0.237 mg/L	112.0 NTU	-136.8 mV	6.650 ft	120.0 ml/min
8/19/2025 11:53 AM	01:20:00	7.438 pH	22.23 °C	2,194 µS/cm	5.232 mg/L	132.0 NTU	-81.5 mV	6.650 ft	120.0 ml/min
8/19/2025 11:58 AM	01:25:00	7.377 pH	22.85 °C	2,519 µS/cm	0.331 mg/L	102.0 NTU	-131.8 mV	6.650 ft	120.0 ml/min
8/19/2025 12:03 PM	01:30:00	7.385 pH	22.76 °C	2,496 µS/cm	0.277 mg/L	115.0 NTU	-136.4 mV	6.650 ft	120.0 ml/min
8/19/2025 12:08 PM	01:35:00	7.372 pH	22.96 °C	2,480 µS/cm	0.254 mg/L	110.0 NTU	-137.5 mV	6.650 ft	120.0 ml/min
8/19/2025 12:13 PM	01:40:00	7.376 pH	23.19 °C	2,463 µS/cm	0.221 mg/L	105.0 NTU	-139.3 mV	6.650 ft	120.0 ml/min
8/19/2025 12:18 PM	01:45:00	7.379 pH	22.94 °C	2,428 µS/cm	0.203 mg/L	82.30 NTU	-140.6 mV	6.650 ft	120.0 ml/min
8/19/2025 12:23 PM	01:50:00	7.383 pH	22.94 °C	2,415 µS/cm	0.181 mg/L	82.90 NTU	-141.2 mV	6.650 ft	160.0 ml/min
8/19/2025 12:28 PM	01:55:00	7.400 pH	22.39 °C	2,342 µS/cm	3.937 mg/L	104.0 NTU	-90.7 mV	6.650 ft	160.0 ml/min
8/19/2025 12:33 PM	02:00:00	7.385 pH	22.28 °C	2,331 µS/cm	0.204 mg/L	169.0 NTU	-132.1 mV	6.650 ft	160.0 ml/min
8/19/2025 12:38 PM	02:05:00	7.390 pH	22.13 °C	2,289 µS/cm	0.173 mg/L	269.0 NTU	-138.5 mV	6.650 ft	160.0 ml/min
8/19/2025 12:43 PM	02:10:00	7.401 pH	21.99 °C	2,233 µS/cm	0.143 mg/L	376.0 NTU	-143.8 mV	6.650 ft	160.0 ml/min
8/19/2025 12:48 PM	02:15:00	7.403 pH	22.08 °C	2,191 µS/cm	0.133 mg/L	364.0 NTU	-144.9 mV	6.800 ft	200.0 ml/min
8/19/2025 12:53 PM	02:20:00	7.393 pH	21.96 °C	2,176 µS/cm	0.133 mg/L	101.0 NTU	-144.3 mV	6.800 ft	200.0 ml/min
8/19/2025 12:58 PM	02:25:00	7.413 pH	21.41 °C	2,119 µS/cm	0.129 mg/L	88.10 NTU	-147.2 mV	6.800 ft	200.0 ml/min
8/19/2025 1:03 PM	02:30:00	7.429 pH	21.02 °C	2,082 µS/cm	0.114 mg/L	89.60 NTU	-150.4 mV	6.800 ft	200.0 ml/min
8/19/2025 1:08 PM	02:35:00	7.445 pH	21.00 °C	2,062 µS/cm	0.101 mg/L	83.10 NTU	-153.1 mV	6.800 ft	200.0 ml/min
8/19/2025 1:13 PM	02:40:00	7.454 pH	20.92 °C	2,039 µS/cm	0.092 mg/L	60.40 NTU	-155.4 mV	6.800 ft	200.0 ml/min
8/19/2025 1:18 PM	02:45:00	7.460 pH	21.23 °C	2,027 µS/cm	0.088 mg/L	50.70 NTU	-157.4 mV	6.800 ft	200.0 ml/min
8/19/2025 1:23 PM	02:50:00	7.467 pH	21.26 °C	2,019 µS/cm	0.083 mg/L	41.10 NTU	-158.9 mV	6.800 ft	200.0 ml/min
8/19/2025 1:28 PM	02:55:00	7.477 pH	21.01 °C	2,016 µS/cm	0.085 mg/L	25.20 NTU	-160.1 mV	6.800 ft	200.0 ml/min
8/19/2025 1:33 PM	03:00:00	7.481 pH	21.01 °C	2,004 µS/cm	0.084 mg/L	23.90 NTU	-160.2 mV	6.800 ft	200.0 ml/min
8/19/2025 1:38 PM	03:05:00	7.481 pH	20.94 °C	1,993 µS/cm	0.078 mg/L	22.60 NTU	-160.7 mV	6.800 ft	200.0 ml/min
8/19/2025 1:43 PM	03:10:00	7.463 pH	20.77 °C	1,984 µS/cm	0.070 mg/L	15.60 NTU	-161.0 mV	6.800 ft	200.0 ml/min
8/19/2025 1:48 PM	03:15:00	7.462 pH	20.73 °C	1,981 µS/cm	0.074 mg/L	12.50 NTU	-162.1 mV	6.800 ft	200.0 ml/min
8/19/2025 1:53 PM	03:20:00	7.475 pH	20.78 °C	1,973 µS/cm	0.070 mg/L	12.10 NTU	-163.3 mV	6.800 ft	200.0 ml/min
8/19/2025 1:58 PM	03:25:00	7.477 pH	20.72 °C	1,967 µS/cm	0.063 mg/L	11.80 NTU	-163.8 mV	6.900 ft	200.0 ml/min
8/19/2025 2:03 PM	03:30:00	7.471 pH	21.09 °C	1,965 µS/cm	0.060 mg/L	11.10 NTU	-164.9 mV	6.900 ft	200.0 ml/min
8/19/2025 2:08 PM	03:35:00	7.465 pH	20.63 °C	1,961 µS/cm	0.163 mg/L	10.70 NTU	-160.4 mV	6.900 ft	200.0 ml/min

8/19/2025 2:13 PM	03:40:00	7.437 pH	20.64 °C	1,950 µS/cm	0.146 mg/L	10.80 NTU	-155.2 mV	6.900 ft	200.0 ml/min
8/19/2025 2:18 PM	03:45:00	7.424 pH	20.83 °C	1,948 µS/cm	0.138 mg/L	9.500 NTU	-153.6 mV	6.900 ft	200.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/19/2025 3:44:21 PM
Project: Plant Wansley Ash Pond
Operator Name: Hunter Auld

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: 5.7 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: 9500 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 6 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183949**

Test Notes:
Sample time 1654. Cloudy 86.

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	
8/19/2025 3:44 PM	00:00	7.293 pH	24.28 °C	2,033 µS/cm	2.757 mg/L	2.130 NTU	-70.8 mV	5.700 ft	175.0 ml/min
8/19/2025 3:49 PM	05:00	7.722 pH	23.31 °C	2,043 µS/cm	4.074 mg/L	2.600 NTU	-129.5 mV	5.400 ft	175.0 ml/min
8/19/2025 3:54 PM	10:00	7.795 pH	23.07 °C	2,048 µS/cm	0.742 mg/L	2.620 NTU	-164.3 mV	6.850 ft	175.0 ml/min
8/19/2025 3:59 PM	15:00	7.815 pH	22.90 °C	2,045 µS/cm	0.411 mg/L	2.710 NTU	-171.6 mV	7.850 ft	175.0 ml/min
8/19/2025 4:04 PM	20:00	7.814 pH	23.87 °C	2,056 µS/cm	0.363 mg/L	1.120 NTU	-170.8 mV	8.200 ft	100.0 ml/min
8/19/2025 4:09 PM	25:00	7.808 pH	24.05 °C	2,055 µS/cm	0.333 mg/L	0.860 NTU	-168.9 mV	8.800 ft	100.0 ml/min
8/19/2025 4:14 PM	30:00	7.799 pH	24.40 °C	2,054 µS/cm	0.315 mg/L	0.760 NTU	-171.9 mV	9.000 ft	100.0 ml/min
8/19/2025 4:19 PM	35:00	7.796 pH	24.77 °C	2,058 µS/cm	0.269 mg/L	0.880 NTU	-173.6 mV	9.300 ft	100.0 ml/min
8/19/2025 4:24 PM	40:00	7.764 pH	23.55 °C	2,050 µS/cm	0.246 mg/L	1.020 NTU	-169.5 mV	9.600 ft	100.0 ml/min
8/19/2025 4:29 PM	45:00	7.781 pH	22.63 °C	2,048 µS/cm	0.204 mg/L	0.900 NTU	-174.3 mV	10.20 ft	150.0 ml/min
8/19/2025 4:34 PM	50:00	7.770 pH	22.53 °C	2,047 µS/cm	0.204 mg/L	0.580 NTU	-176.4 mV	10.70 ft	150.0 ml/min
8/19/2025 4:39 PM	55:00	7.757 pH	22.34 °C	2,041 µS/cm	0.204 mg/L	0.940 NTU	-176.2 mV	11.20 ft	150.0 ml/min
8/19/2025 4:44 PM	01:00:00	7.745 pH	22.22 °C	2,042 µS/cm	0.193 mg/L	0.860 NTU	-175.9 mV	11.55 ft	150.0 ml/min
8/19/2025 4:49 PM	01:05:00	7.714 pH	23.16 °C	2,053 µS/cm	0.197 mg/L	0.970 NTU	-174.6 mV	11.70 ft	100.0 ml/min
8/19/2025 4:54 PM	01:10:00	7.710 pH	23.20 °C	2,044 µS/cm	0.199 mg/L	0.840 NTU	-174.3 mV	11.70 ft	100.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 8/14/2025 3:55:12 PM
Project: Plant Wansley Ash Pond
Operator Name: C.Klamke

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: 21.54 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 119 ft** **Estimated Total Volume Pumped: 12 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 2.82 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 1625. Sunny 88 degrees. FD-02 done here

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
8/14/2025 3:55 PM	00:00	6.898 pH	21.58 °C	147.3 µS/cm	0.381 mg/L	0.660 NTU	-73.9 mV	21.54 ft	400.0 ml/min
8/14/2025 4:00 PM	05:00	6.750 pH	20.72 °C	147.6 µS/cm	0.231 mg/L	1.020 NTU	-23.4 mV	23.53 ft	400.0 ml/min
8/14/2025 4:05 PM	10:00	6.683 pH	20.52 °C	147.5 µS/cm	0.204 mg/L	1.070 NTU	0.9 mV	23.86 ft	400.0 ml/min
8/14/2025 4:10 PM	15:00	6.657 pH	20.59 °C	148.0 µS/cm	0.188 mg/L	0.970 NTU	15.5 mV	24.09 ft	400.0 ml/min
8/14/2025 4:15 PM	20:00	6.690 pH	20.44 °C	148.0 µS/cm	0.173 mg/L	0.890 NTU	24.5 mV	24.25 ft	400.0 ml/min
8/14/2025 4:20 PM	25:00	6.679 pH	20.76 °C	148.3 µS/cm	0.163 mg/L	0.890 NTU	32.2 mV	24.31 ft	400.0 ml/min
8/14/2025 4:25 PM	30:00	6.654 pH	20.43 °C	147.2 µS/cm	0.155 mg/L	0.650 NTU	38.6 mV	24.36 ft	400.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/19/2025 3:06:08 PM
Project: Plant Wansley Ash Pond
Operator Name: J. May

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: 14.52 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 81.92 ft** **Estimated Total Volume Pumped: 16.1 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 350 ml/min** **Final Draw Down: 5.76 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample Time: 1552
FD-08 here
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	
8/19/2025 3:06 PM	00:00	6.761 pH	23.15 °C	121.6 µS/cm	2.706 mg/L	1.780 NTU	113.5 mV	14.52 ft	350.0 ml/min
8/19/2025 3:11 PM	05:00	6.799 pH	20.74 °C	123.1 µS/cm	2.371 mg/L	1.230 NTU	108.5 mV	14.90 ft	350.0 ml/min
8/19/2025 3:16 PM	10:00	6.784 pH	20.37 °C	123.0 µS/cm	2.251 mg/L	1.270 NTU	108.4 mV	15.00 ft	350.0 ml/min
8/19/2025 3:21 PM	15:00	6.793 pH	20.27 °C	123.0 µS/cm	2.177 mg/L	1.730 NTU	107.5 mV	15.00 ft	350.0 ml/min
8/19/2025 3:27 PM	21:25	6.820 pH	21.64 °C	121.5 µS/cm	4.189 mg/L	2.480 NTU	121.2 mV	15.00 ft	350.0 ml/min
8/19/2025 3:32 PM	26:25	6.776 pH	20.08 °C	122.9 µS/cm	1.899 mg/L	1.760 NTU	112.5 mV	15.00 ft	350.0 ml/min
8/19/2025 3:37 PM	31:25	6.770 pH	19.87 °C	122.9 µS/cm	1.848 mg/L	1.890 NTU	111.5 mV	15.00 ft	350.0 ml/min
8/19/2025 3:42 PM	36:25	6.752 pH	19.81 °C	122.7 µS/cm	1.699 mg/L	2.110 NTU	111.3 mV	15.00 ft	350.0 ml/min
8/19/2025 3:47 PM	41:25	6.744 pH	19.77 °C	122.8 µS/cm	1.615 mg/L	1.970 NTU	111.2 mV	15.00 ft	350.0 ml/min
8/19/2025 3:52 PM	46:25	6.732 pH	19.76 °C	122.6 µS/cm	1.561 mg/L	1.830 NTU	111.4 mV	15.00 ft	350.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/12/2025 3:00:36 PM
Project: Plant Wansley Ash Pond
Operator Name: J. Berisford

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: 27.79 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: 8.25 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 275 ml/min** **Final Draw Down: 2 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Cloudy, sample time-1530

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	
8/12/2025 3:00 PM	00:00	4.857 pH	20.49 °C	27.22 µS/cm	1.695 mg/L	1.210 NTU	167.1 mV	27.79 ft	275.0 ml/min
8/12/2025 3:05 PM	05:00	4.897 pH	20.61 °C	27.63 µS/cm	1.701 mg/L	1.110 NTU	153.0 mV	27.90 ft	275.0 ml/min
8/12/2025 3:10 PM	10:00	4.612 pH	20.53 °C	27.07 µS/cm	1.701 mg/L	0.960 NTU	165.5 mV	27.90 ft	275.0 ml/min
8/12/2025 3:15 PM	15:00	4.473 pH	20.38 °C	27.12 µS/cm	1.706 mg/L	0.830 NTU	173.7 mV	27.90 ft	275.0 ml/min
8/12/2025 3:20 PM	20:00	4.472 pH	20.74 °C	27.02 µS/cm	1.701 mg/L	0.870 NTU	176.2 mV	27.90 ft	275.0 ml/min
8/12/2025 3:25 PM	25:00	4.523 pH	20.52 °C	26.94 µS/cm	1.718 mg/L	0.810 NTU	173.1 mV	27.90 ft	275.0 ml/min
8/12/2025 3:30 PM	30:00	4.542 pH	20.15 °C	26.69 µS/cm	1.692 mg/L	0.770 NTU	173.0 mV	27.90 ft	275.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/12/2025 12:20:03 PM
Project: Plant Wansley Ash Pond
Operator Name: J. Berisford

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: 12.35 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: 7.5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 6.6 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1149710**

Test Notes:
Cloudy, sample time-1250

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	
8/12/2025 12:20 PM	00:00	6.899 pH	22.52 °C	112.2 µS/cm	3.031 mg/L	1.030 NTU	83.0 mV	12.35 ft	250.0 ml/min
8/12/2025 12:25 PM	05:00	6.110 pH	19.91 °C	104.3 µS/cm	0.222 mg/L	0.770 NTU	253.9 mV	12.90 ft	250.0 ml/min
8/12/2025 12:30 PM	10:00	6.076 pH	19.73 °C	100.4 µS/cm	0.128 mg/L	0.720 NTU	276.7 mV	12.90 ft	250.0 ml/min
8/12/2025 12:35 PM	15:00	6.068 pH	19.62 °C	99.51 µS/cm	0.093 mg/L	0.550 NTU	308.0 mV	12.90 ft	250.0 ml/min
8/12/2025 12:40 PM	20:00	6.074 pH	19.71 °C	99.07 µS/cm	0.088 mg/L	0.490 NTU	325.0 mV	12.90 ft	250.0 ml/min
8/12/2025 12:45 PM	25:00	6.072 pH	19.74 °C	99.59 µS/cm	0.091 mg/L	0.580 NTU	338.5 mV	12.90 ft	250.0 ml/min
8/12/2025 12:50 PM	30:00	6.079 pH	19.59 °C	100.1 µS/cm	0.099 mg/L	0.410 NTU	347.0 mV	12.90 ft	250.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 8/12/2025 9:25:04 AM
Project: Plant Wansley Ash Pond
Operator Name: C.Klamke

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: 3.46 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: 7.5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 300 ml/min** **Final Draw Down: 0.03 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 0950. Cloudy 77 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	
8/12/2025 9:25 AM	00:00	5.423 pH	19.06 °C	33.53 µS/cm	5.687 mg/L	1.060 NTU	203.5 mV	3.460 ft	300.0 ml/min
8/12/2025 9:30 AM	05:00	5.742 pH	18.87 °C	32.48 µS/cm	5.599 mg/L	0.730 NTU	185.9 mV	3.460 ft	300.0 ml/min
8/12/2025 9:35 AM	10:00	5.600 pH	18.78 °C	31.66 µS/cm	5.649 mg/L	0.720 NTU	189.5 mV	3.490 ft	300.0 ml/min
8/12/2025 9:40 AM	15:00	5.287 pH	18.65 °C	31.37 µS/cm	5.559 mg/L	0.860 NTU	222.2 mV	3.490 ft	300.0 ml/min
8/12/2025 9:45 AM	20:00	5.286 pH	18.53 °C	31.41 µS/cm	5.606 mg/L	0.810 NTU	224.3 mV	3.490 ft	300.0 ml/min
8/12/2025 9:50 AM	25:00	5.282 pH	18.48 °C	31.41 µS/cm	5.605 mg/L	0.830 NTU	227.4 mV	3.490 ft	300.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 8/12/2025 10:40:06 AM
Project: Plant Wansley Ash Pond
Operator Name: C.Klamke

Location Name: WGWA-4 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 64.31 ft** **Total Depth: 74.31 ft** **Initial Depth to Water: 5.74 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 69.31 ft** **Estimated Total Volume Pumped: 5.3 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.87 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 1115. Cloudy 80 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	
8/12/2025 10:40 AM	00:00	6.646 pH	22.16 °C	113.4 µS/cm	2.434 mg/L	2.970 NTU	141.3 mV	5.740 ft	150.0 ml/min
8/12/2025 10:45 AM	05:00	6.869 pH	20.43 °C	126.1 µS/cm	0.137 mg/L	0.850 NTU	-126.0 mV	6.150 ft	150.0 ml/min
8/12/2025 10:50 AM	10:00	6.962 pH	20.20 °C	127.2 µS/cm	0.082 mg/L	1.170 NTU	-150.3 mV	6.310 ft	150.0 ml/min
8/12/2025 10:55 AM	15:00	7.056 pH	20.09 °C	126.1 µS/cm	0.073 mg/L	0.840 NTU	-167.7 mV	6.440 ft	150.0 ml/min
8/12/2025 11:00 AM	20:00	7.095 pH	20.07 °C	125.2 µS/cm	0.073 mg/L	0.910 NTU	-177.8 mV	6.480 ft	150.0 ml/min
8/12/2025 11:05 AM	25:00	7.072 pH	20.09 °C	123.7 µS/cm	0.095 mg/L	1.250 NTU	-179.2 mV	6.540 ft	150.0 ml/min
8/12/2025 11:10 AM	30:00	7.033 pH	20.14 °C	122.3 µS/cm	0.110 mg/L	0.740 NTU	-177.2 mV	6.620 ft	150.0 ml/min
8/12/2025 11:15 AM	35:00	7.004 pH	20.13 °C	121.2 µS/cm	0.136 mg/L	1.070 NTU	-180.0 mV	6.610 ft	150.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 8/12/2025 12:50:05 PM
Project: Plant Wansley Ash Pond
Operator Name: C.Klamke

Location Name: WGWA-6 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 94.91 ft** **Total Depth: 104.91 ft** **Initial Depth to Water: 17.08 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 99.91 ft** **Estimated Total Volume Pumped: 6.8 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 1.15 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 1335. Cloudy 84

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	
8/12/2025 12:50 PM	00:00	7.121 pH	21.50 °C	145.7 µS/cm	3.498 mg/L	0.960 NTU	-93.8 mV	17.08 ft	150.0 ml/min
8/12/2025 12:55 PM	05:00	7.686 pH	20.54 °C	146.2 µS/cm	0.585 mg/L	1.190 NTU	-166.2 mV	17.62 ft	150.0 ml/min
8/12/2025 1:00 PM	10:00	7.679 pH	20.80 °C	146.2 µS/cm	0.372 mg/L	1.080 NTU	-132.4 mV	17.76 ft	150.0 ml/min
8/12/2025 1:05 PM	15:00	7.678 pH	20.46 °C	146.2 µS/cm	0.276 mg/L	1.210 NTU	-133.3 mV	17.85 ft	150.0 ml/min
8/12/2025 1:10 PM	20:00	7.670 pH	20.26 °C	146.1 µS/cm	0.227 mg/L	0.880 NTU	-137.6 mV	17.94 ft	150.0 ml/min
8/12/2025 1:15 PM	25:00	7.799 pH	20.26 °C	146.1 µS/cm	0.217 mg/L	0.670 NTU	-145.2 mV	18.02 ft	150.0 ml/min
8/12/2025 1:20 PM	30:00	7.901 pH	20.19 °C	146.2 µS/cm	0.224 mg/L	0.730 NTU	-152.3 mV	18.08 ft	150.0 ml/min
8/12/2025 1:25 PM	35:00	7.764 pH	20.00 °C	146.8 µS/cm	0.237 mg/L	0.620 NTU	-143.6 mV	18.13 ft	150.0 ml/min
8/12/2025 1:30 PM	40:00	7.761 pH	20.08 °C	146.2 µS/cm	0.243 mg/L	0.900 NTU	-143.0 mV	18.18 ft	150.0 ml/min
8/12/2025 1:35 PM	45:00	7.761 pH	19.93 °C	146.5 µS/cm	0.247 mg/L	0.850 NTU	-144.5 mV	18.23 ft	150.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/13/2025 9:15:05 AM
Project: Plant Wansley Ash Pond
Operator Name: C.Klamke

Location Name: WGWA-7 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 30.04 ft** **Total Depth: 40.04 ft** **Initial Depth to Water: 25.75 ft**	**Pump Type: Peristaltic pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 35 ft** **Estimated Total Volume Pumped: 11.1 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 0.13 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 1000. Sunny 77 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	
8/13/2025 9:15 AM	00:00	6.603 pH	19.26 °C	138.2 µS/cm	2.636 mg/L	2.310 NTU	202.1 mV	25.75 ft	250.0 ml/min
8/13/2025 9:19 AM	04:24	5.157 pH	18.63 °C	25.92 µS/cm	7.022 mg/L	0.850 NTU	225.2 mV	25.88 ft	250.0 ml/min
8/13/2025 9:24 AM	09:24	5.029 pH	18.82 °C	24.47 µS/cm	7.172 mg/L	0.810 NTU	228.4 mV	25.88 ft	250.0 ml/min
8/13/2025 9:29 AM	14:24	4.985 pH	18.67 °C	23.89 µS/cm	7.190 mg/L	0.710 NTU	228.5 mV	25.88 ft	250.0 ml/min
8/13/2025 9:34 AM	19:24	4.998 pH	18.82 °C	23.61 µS/cm	7.207 mg/L	0.790 NTU	227.3 mV	25.88 ft	250.0 ml/min
8/13/2025 9:39 AM	24:24	4.995 pH	18.73 °C	23.49 µS/cm	7.240 mg/L	0.730 NTU	227.2 mV	25.88 ft	250.0 ml/min
8/13/2025 9:44 AM	29:24	5.001 pH	18.68 °C	23.42 µS/cm	7.234 mg/L	0.840 NTU	219.6 mV	25.88 ft	250.0 ml/min
8/13/2025 9:49 AM	34:24	4.961 pH	18.91 °C	23.32 µS/cm	7.234 mg/L	0.730 NTU	226.9 mV	25.88 ft	250.0 ml/min
8/13/2025 9:54 AM	39:24	4.967 pH	18.83 °C	23.26 µS/cm	7.243 mg/L	1.250 NTU	226.1 mV	25.88 ft	250.0 ml/min
8/13/2025 9:59 AM	44:24	4.978 pH	18.74 °C	23.25 µS/cm	7.202 mg/L	0.790 NTU	222.2 mV	25.88 ft	250.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/12/2025 9:02:06 AM
Project: Plant Wansley Ash Pond
Operator Name: J. Berisford

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: 17.31 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: 13.5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 31 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1149710**

Test Notes:
Cloudy, sample time-1032

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	
8/12/2025 9:02 AM	00:00	6.897 pH	23.42 °C	84.68 µS/cm	2.085 mg/L	0.940 NTU	-41.4 mV	17.31 ft	150.0 ml/min
8/12/2025 9:07 AM	05:00	6.913 pH	23.72 °C	87.51 µS/cm	1.500 mg/L	0.920 NTU	3.9 mV	18.40 ft	150.0 ml/min
8/12/2025 9:12 AM	10:00	6.815 pH	23.59 °C	86.42 µS/cm	1.954 mg/L	0.620 NTU	31.7 mV	19.00 ft	150.0 ml/min
8/12/2025 9:17 AM	15:00	6.743 pH	23.85 °C	87.87 µS/cm	1.756 mg/L	0.790 NTU	51.9 mV	19.60 ft	150.0 ml/min
8/12/2025 9:22 AM	20:00	6.714 pH	23.79 °C	88.13 µS/cm	1.467 mg/L	0.660 NTU	68.6 mV	19.90 ft	150.0 ml/min
8/12/2025 9:27 AM	25:00	6.674 pH	23.91 °C	88.67 µS/cm	1.407 mg/L	0.680 NTU	79.3 mV	19.90 ft	150.0 ml/min
8/12/2025 9:32 AM	30:00	6.598 pH	23.88 °C	88.75 µS/cm	1.150 mg/L	0.590 NTU	91.3 mV	19.90 ft	150.0 ml/min
8/12/2025 9:37 AM	35:00	6.593 pH	23.80 °C	88.08 µS/cm	0.965 mg/L	0.820 NTU	95.8 mV	19.90 ft	150.0 ml/min
8/12/2025 9:42 AM	40:00	6.563 pH	23.76 °C	86.66 µS/cm	1.089 mg/L	0.770 NTU	103.7 mV	19.90 ft	150.0 ml/min
8/12/2025 9:47 AM	45:00	6.539 pH	23.79 °C	83.16 µS/cm	1.526 mg/L	0.610 NTU	135.4 mV	19.90 ft	150.0 ml/min
8/12/2025 9:52 AM	50:00	6.445 pH	23.79 °C	76.23 µS/cm	2.119 mg/L	0.550 NTU	141.6 mV	19.90 ft	150.0 ml/min
8/12/2025 9:57 AM	55:00	6.356 pH	23.97 °C	70.78 µS/cm	2.698 mg/L	0.590 NTU	123.9 mV	19.90 ft	150.0 ml/min
8/12/2025 10:02 AM	01:00:00	6.251 pH	23.94 °C	67.52 µS/cm	2.771 mg/L	0.650 NTU	128.6 mV	19.90 ft	150.0 ml/min
8/12/2025 10:07 AM	01:05:00	6.182 pH	23.97 °C	65.44 µS/cm	2.669 mg/L	0.820 NTU	134.5 mV	19.90 ft	150.0 ml/min

8/12/2025 10:12 AM	01:10:00	6.164 pH	23.99 °C	62.60 µS/cm	2.623 mg/L	0.570 NTU	168.2 mV	19.90 ft	150.0 ml/min
8/12/2025 10:17 AM	01:15:00	6.088 pH	23.93 °C	60.55 µS/cm	2.604 mg/L	0.520 NTU	143.4 mV	19.90 ft	150.0 ml/min
8/12/2025 10:22 AM	01:20:00	6.026 pH	24.20 °C	59.67 µS/cm	2.607 mg/L	0.640 NTU	149.7 mV	19.90 ft	150.0 ml/min
8/12/2025 10:27 AM	01:25:00	5.988 pH	24.32 °C	58.16 µS/cm	2.519 mg/L	0.600 NTU	183.9 mV	19.90 ft	150.0 ml/min
8/12/2025 10:32 AM	01:30:00	5.959 pH	24.45 °C	57.36 µS/cm	2.561 mg/L	0.580 NTU	155.7 mV	19.90 ft	150.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/14/2025 2:53:10 PM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

Location Name: WGWC-8 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 49.38 ft** **Total Depth: 59.38 ft** **Initial Depth to Water: 5.31 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 54 ft** **Estimated Total Volume Pumped: 3.75 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 125 ml/min** **Final Draw Down: 1.56 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1179236**

Test Notes:
Sample time 1523. Sunny, 88 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	
8/14/2025 2:53 PM	00:00	5.556 pH	27.91 °C	679.3 µS/cm	2.422 mg/L	8.620 NTU	79.4 mV	5.310 ft	125.0 ml/min
8/14/2025 2:58 PM	05:00	5.518 pH	25.60 °C	681.0 µS/cm	1.509 mg/L	3.510 NTU	58.3 mV	5.370 ft	125.0 ml/min
8/14/2025 3:03 PM	10:00	5.268 pH	26.17 °C	683.5 µS/cm	1.329 mg/L	2.300 NTU	57.4 mV	5.390 ft	125.0 ml/min
8/14/2025 3:08 PM	15:00	5.207 pH	26.54 °C	677.5 µS/cm	1.002 mg/L	3.230 NTU	59.6 mV	5.400 ft	125.0 ml/min
8/14/2025 3:13 PM	20:00	5.214 pH	26.68 °C	674.9 µS/cm	0.869 mg/L	3.140 NTU	60.0 mV	5.420 ft	125.0 ml/min
8/14/2025 3:18 PM	25:00	5.239 pH	26.66 °C	672.4 µS/cm	0.854 mg/L	2.740 NTU	60.2 mV	5.430 ft	125.0 ml/min
8/14/2025 3:23 PM	30:00	5.260 pH	26.82 °C	670.7 µS/cm	0.863 mg/L	1.740 NTU	60.0 mV	5.440 ft	125.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 8/19/2025 4:34:09 PM
Project: Plant Wansley Ash Pond
Operator Name: J. May

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: 20 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 56.5 ft** **Estimated Total Volume Pumped: 3.75 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 125 ml/min** **Final Draw Down: 34.8 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample Time: 1704
Cloudy, 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	
8/19/2025 4:34 PM	00:00	6.061 pH	27.26 °C	153.6 µS/cm	3.616 mg/L	3.820 NTU	127.9 mV	20.00 ft	125.0 ml/min
8/19/2025 4:39 PM	05:00	6.035 pH	22.44 °C	157.4 µS/cm	1.631 mg/L	2.390 NTU	125.0 mV	21.00 ft	125.0 ml/min
8/19/2025 4:44 PM	10:00	6.044 pH	22.13 °C	154.7 µS/cm	1.550 mg/L	1.760 NTU	124.0 mV	21.90 ft	125.0 ml/min
8/19/2025 4:49 PM	15:00	6.050 pH	22.26 °C	152.1 µS/cm	1.582 mg/L	1.100 NTU	123.2 mV	22.40 ft	125.0 ml/min
8/19/2025 4:54 PM	20:00	6.052 pH	21.92 °C	149.8 µS/cm	1.630 mg/L	1.520 NTU	123.4 mV	22.70 ft	125.0 ml/min
8/19/2025 4:59 PM	25:00	6.048 pH	22.00 °C	149.0 µS/cm	1.595 mg/L	3.750 NTU	123.7 mV	22.80 ft	125.0 ml/min
8/19/2025 5:04 PM	30:00	6.050 pH	21.96 °C	148.8 µS/cm	1.545 mg/L	1.210 NTU	124.0 mV	22.90 ft	125.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/19/2025 1:17:33 PM
Project: Plant Wansley Ash Pond
Operator Name: J. May

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: 18.55 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 144 ft** **Estimated Total Volume Pumped: 4.5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 29.4 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample Time: 1402
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	
8/19/2025 1:17 PM	00:00	6.605 pH	31.80 °C	130.9 µS/cm	7.132 mg/L	1.620 NTU	133.0 mV	18.55 ft	100.0 ml/min
8/19/2025 1:22 PM	05:00	6.568 pH	28.51 °C	70.84 µS/cm	5.230 mg/L	1.310 NTU	114.3 mV	19.10 ft	100.0 ml/min
8/19/2025 1:27 PM	10:00	6.412 pH	25.31 °C	59.97 µS/cm	3.429 mg/L	0.730 NTU	99.9 mV	19.40 ft	100.0 ml/min
8/19/2025 1:32 PM	15:00	6.386 pH	25.95 °C	59.44 µS/cm	3.438 mg/L	1.860 NTU	98.2 mV	19.70 ft	100.0 ml/min
8/19/2025 1:37 PM	20:00	6.416 pH	24.04 °C	56.21 µS/cm	4.288 mg/L	1.180 NTU	95.4 mV	19.90 ft	100.0 ml/min
8/19/2025 1:42 PM	25:00	6.463 pH	23.07 °C	58.65 µS/cm	5.287 mg/L	0.820 NTU	92.9 mV	20.30 ft	100.0 ml/min
8/19/2025 1:47 PM	30:00	6.469 pH	22.77 °C	57.99 µS/cm	5.520 mg/L	0.590 NTU	93.4 mV	20.60 ft	100.0 ml/min
8/19/2025 1:52 PM	35:00	6.468 pH	22.80 °C	57.32 µS/cm	5.598 mg/L	0.860 NTU	93.7 mV	20.80 ft	100.0 ml/min
8/19/2025 1:57 PM	40:00	6.461 pH	22.61 °C	56.38 µS/cm	5.613 mg/L	0.670 NTU	94.6 mV	20.90 ft	100.0 ml/min
8/19/2025 2:02 PM	45:00	6.454 pH	22.94 °C	55.16 µS/cm	5.572 mg/L	0.550 NTU	94.7 mV	21.00 ft	100.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/18/2025 11:43:59 AM
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: 26.25 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 47 ft** **Estimated Total Volume Pumped: 5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 2.17 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sampled at 1209. Sunny 87 degrees. WAN-AP1-FB-08 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	
8/18/2025 11:43 AM	00:00	5.83 pH	25.61 °C	114.42 µS/cm	5.83 mg/L	5.52 NTU	233.9 mV	26.25 ft	200.00 ml/min
8/18/2025 11:48 AM	05:00	5.49 pH	21.39 °C	39.59 µS/cm	3.30 mg/L	4.87 NTU	223.8 mV	28.05 ft	200.00 ml/min
8/18/2025 11:53 AM	10:00	5.36 pH	21.19 °C	38.79 µS/cm	3.18 mg/L	4.12 NTU	232.9 mV	28.22 ft	200.00 ml/min
8/18/2025 11:58 AM	15:00	5.32 pH	21.22 °C	38.91 µS/cm	3.18 mg/L	3.57 NTU	236.9 mV	28.31 ft	200.00 ml/min
8/18/2025 12:03 PM	20:00	5.28 pH	21.22 °C	39.20 µS/cm	3.18 mg/L	2.75 NTU	241.9 mV	28.36 ft	200.00 ml/min
8/18/2025 12:08 PM	25:00	5.26 pH	21.06 °C	39.32 µS/cm	3.20 mg/L	2.34 NTU	243.3 mV	28.42 ft	200.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 8/15/2025 9:09:11 AM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

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: 25.82 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: 48.5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 275 ml/min** **Final Draw Down: 8.52 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1179236**

Test Notes:
Sample time 1209. 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	+/- 0.3	
8/15/2025 9:09 AM	00:00	7.072 pH	25.93 °C	87.85 µS/cm	7.032 mg/L	3.890 NTU	97.7 mV	25.82 ft	275.0 ml/min
8/15/2025 9:14 AM	05:00	6.445 pH	21.08 °C	90.09 µS/cm	1.344 mg/L	1,000 NTU	41.9 mV	26.11 ft	275.0 ml/min
8/15/2025 9:19 AM	10:00	6.467 pH	20.75 °C	88.35 µS/cm	0.740 mg/L	1,000 NTU	43.0 mV	26.27 ft	275.0 ml/min
8/15/2025 9:24 AM	15:00	6.477 pH	20.72 °C	87.63 µS/cm	0.394 mg/L	1,000 NTU	38.8 mV	26.33 ft	300.0 ml/min
8/15/2025 9:29 AM	20:00	6.493 pH	20.63 °C	88.98 µS/cm	0.232 mg/L	1,000 NTU	35.7 mV	26.37 ft	300.0 ml/min
8/15/2025 9:34 AM	25:00	6.518 pH	20.72 °C	90.65 µS/cm	0.190 mg/L	542.0 NTU	32.8 mV	26.42 ft	300.0 ml/min
8/15/2025 9:39 AM	30:00	6.536 pH	20.77 °C	92.02 µS/cm	0.189 mg/L	90.00 NTU	31.7 mV	26.44 ft	275.0 ml/min
8/15/2025 9:44 AM	35:00	6.562 pH	20.81 °C	93.29 µS/cm	0.189 mg/L	64.80 NTU	29.6 mV	26.47 ft	275.0 ml/min
8/15/2025 9:49 AM	40:00	6.574 pH	20.73 °C	94.03 µS/cm	0.191 mg/L	41.90 NTU	28.1 mV	26.50 ft	275.0 ml/min
8/15/2025 9:54 AM	45:00	6.599 pH	20.58 °C	94.85 µS/cm	0.197 mg/L	36.50 NTU	26.6 mV	26.51 ft	275.0 ml/min
8/15/2025 9:59 AM	50:00	6.611 pH	20.66 °C	95.06 µS/cm	0.201 mg/L	29.10 NTU	25.5 mV	26.52 ft	275.0 ml/min
8/15/2025 10:04 AM	55:00	6.621 pH	20.65 °C	95.51 µS/cm	0.204 mg/L	24.80 NTU	24.6 mV	26.53 ft	275.0 ml/min
8/15/2025 10:09 AM	01:00:00	6.633 pH	20.66 °C	95.76 µS/cm	0.213 mg/L	18.60 NTU	23.9 mV	26.53 ft	275.0 ml/min
8/15/2025 10:14 AM	01:05:00	6.642 pH	20.63 °C	96.00 µS/cm	0.213 mg/L	17.30 NTU	22.9 mV	26.53 ft	275.0 ml/min

8/15/2025 10:19 AM	01:10:00	6.653 pH	20.73 °C	96.10 µS/cm	0.215 mg/L	15.60 NTU	22.1 mV	26.53 ft	275.0 ml/min
8/15/2025 10:24 AM	01:15:00	6.656 pH	20.46 °C	96.28 µS/cm	0.210 mg/L	13.60 NTU	22.1 mV	26.53 ft	275.0 ml/min
8/15/2025 10:29 AM	01:20:00	6.664 pH	20.53 °C	96.31 µS/cm	0.214 mg/L	12.70 NTU	21.2 mV	26.53 ft	275.0 ml/min
8/15/2025 10:34 AM	01:25:00	6.669 pH	20.56 °C	96.17 µS/cm	0.208 mg/L	11.50 NTU	20.7 mV	26.53 ft	275.0 ml/min
8/15/2025 10:39 AM	01:30:00	6.671 pH	20.57 °C	96.49 µS/cm	0.211 mg/L	12.20 NTU	20.5 mV	26.53 ft	275.0 ml/min
8/15/2025 10:44 AM	01:35:00	6.672 pH	20.62 °C	96.26 µS/cm	0.209 mg/L	10.90 NTU	20.2 mV	26.53 ft	275.0 ml/min
8/15/2025 10:49 AM	01:40:00	6.688 pH	20.70 °C	96.33 µS/cm	0.213 mg/L	11.40 NTU	19.7 mV	26.53 ft	225.0 ml/min
8/15/2025 10:54 AM	01:45:00	6.645 pH	20.97 °C	96.84 µS/cm	0.455 mg/L	10.80 NTU	15.9 mV	26.53 ft	225.0 ml/min
8/15/2025 10:59 AM	01:50:00	6.660 pH	20.99 °C	96.05 µS/cm	0.503 mg/L	13.20 NTU	11.0 mV	26.53 ft	225.0 ml/min
8/15/2025 11:04 AM	01:55:00	6.659 pH	20.66 °C	96.34 µS/cm	0.357 mg/L	16.20 NTU	10.5 mV	26.53 ft	225.0 ml/min
8/15/2025 11:09 AM	02:00:00	6.659 pH	20.93 °C	96.12 µS/cm	0.399 mg/L	17.00 NTU	10.4 mV	26.53 ft	250.0 ml/min
8/15/2025 11:14 AM	02:05:00	6.698 pH	20.87 °C	95.94 µS/cm	0.286 mg/L	16.20 NTU	8.9 mV	26.53 ft	250.0 ml/min
8/15/2025 11:19 AM	02:10:00	6.690 pH	21.00 °C	96.10 µS/cm	0.231 mg/L	15.40 NTU	9.1 mV	26.53 ft	250.0 ml/min
8/15/2025 11:24 AM	02:15:00	6.703 pH	20.83 °C	95.54 µS/cm	0.215 mg/L	13.80 NTU	9.7 mV	26.53 ft	275.0 ml/min
8/15/2025 11:29 AM	02:20:00	6.689 pH	21.04 °C	95.92 µS/cm	0.405 mg/L	12.10 NTU	10.5 mV	26.53 ft	275.0 ml/min
8/15/2025 11:34 AM	02:25:00	6.704 pH	20.92 °C	95.42 µS/cm	0.453 mg/L	10.80 NTU	11.2 mV	26.53 ft	275.0 ml/min
8/15/2025 11:39 AM	02:30:00	6.704 pH	20.72 °C	95.16 µS/cm	0.464 mg/L	9.870 NTU	12.1 mV	26.53 ft	275.0 ml/min
8/15/2025 11:44 AM	02:35:00	6.711 pH	20.52 °C	94.98 µS/cm	0.332 mg/L	9.850 NTU	11.5 mV	26.53 ft	275.0 ml/min
8/15/2025 11:49 AM	02:40:00	6.690 pH	20.77 °C	95.25 µS/cm	0.340 mg/L	9.840 NTU	11.8 mV	26.53 ft	275.0 ml/min
8/15/2025 11:54 AM	02:45:00	6.625 pH	20.86 °C	94.55 µS/cm	0.384 mg/L	9.390 NTU	15.1 mV	26.53 ft	275.0 ml/min
8/15/2025 11:59 AM	02:50:00	6.640 pH	20.89 °C	94.06 µS/cm	0.368 mg/L	9.470 NTU	13.9 mV	26.53 ft	275.0 ml/min
8/15/2025 12:04 PM	02:55:00	6.689 pH	20.74 °C	94.09 µS/cm	0.380 mg/L	9.180 NTU	13.1 mV	26.53 ft	275.0 ml/min
8/15/2025 12:09 PM	03:00:00	6.692 pH	20.90 °C	94.77 µS/cm	0.396 mg/L	9.120 NTU	12.4 mV	26.53 ft	275.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 8/14/2025 9:15:05 AM
Project: Plant Wansley Ash Pond
Operator Name: C.Klamke

Location Name: WGWC-13 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 85.46 ft** **Total Depth: 95.46 ft** **Initial Depth to Water: 23.91 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: 5.6 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 125 ml/min** **Final Draw Down: 3.67 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 1000. Cloudy 78 degrees. FB-07 done here.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
8/14/2025 9:15 AM	00:00	6.332 pH	21.87 °C	58.88 µS/cm	6.901 mg/L	5.380 NTU	204.5 mV	23.91 ft	125.0 ml/min
8/14/2025 9:20 AM	05:00	5.946 pH	19.98 °C	52.95 µS/cm	3.768 mg/L	3.100 NTU	208.7 mV	25.41 ft	125.0 ml/min
8/14/2025 9:25 AM	10:00	5.915 pH	19.74 °C	52.57 µS/cm	3.819 mg/L	2.720 NTU	211.0 mV	26.03 ft	125.0 ml/min
8/14/2025 9:30 AM	15:00	5.894 pH	19.74 °C	53.63 µS/cm	3.866 mg/L	1.940 NTU	210.6 mV	26.59 ft	125.0 ml/min
8/14/2025 9:35 AM	20:00	5.886 pH	19.79 °C	52.46 µS/cm	3.891 mg/L	1.890 NTU	211.6 mV	26.86 ft	125.0 ml/min
8/14/2025 9:40 AM	25:00	6.007 pH	19.90 °C	52.20 µS/cm	3.889 mg/L	2.760 NTU	206.5 mV	27.10 ft	125.0 ml/min
8/14/2025 9:45 AM	30:00	6.045 pH	20.13 °C	52.22 µS/cm	3.852 mg/L	3.170 NTU	201.6 mV	27.21 ft	125.0 ml/min
8/14/2025 9:50 AM	35:00	5.921 pH	19.90 °C	51.50 µS/cm	3.926 mg/L	2.550 NTU	209.8 mV	27.33 ft	125.0 ml/min
8/14/2025 9:55 AM	40:00	5.926 pH	19.75 °C	51.84 µS/cm	3.979 mg/L	2.410 NTU	208.6 mV	27.46 ft	125.0 ml/min
8/14/2025 10:00 AM	45:00	5.926 pH	19.81 °C	51.80 µS/cm	4.070 mg/L	2.270 NTU	208.3 mV	27.58 ft	125.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/14/2025 12:05:05 PM
Project: Plant Wansley Ash Pond
Operator Name: C.Klamke

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: 23.99 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 37 ft** **Estimated Total Volume Pumped: 16.9 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 125 ml/min** **Final Draw Down: 1.35 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 1420. Sunny 88 degrees. 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	
8/14/2025 12:05 PM	00:00	4.852 pH	20.78 °C	25.37 µS/cm	2.225 mg/L	1.340 NTU	218.0 mV	23.99 ft	125.0 ml/min
8/14/2025 12:10 PM	05:00	4.780 pH	20.71 °C	24.29 µS/cm	2.170 mg/L	2.560 NTU	227.0 mV	25.35 ft	125.0 ml/min
8/14/2025 12:15 PM	10:00	4.684 pH	20.58 °C	24.16 µS/cm	2.148 mg/L	1.710 NTU	235.2 mV	25.35 ft	125.0 ml/min
8/14/2025 12:20 PM	15:00	4.634 pH	20.90 °C	24.42 µS/cm	2.136 mg/L	2.760 NTU	233.3 mV	25.35 ft	125.0 ml/min
8/14/2025 12:25 PM	20:00	4.599 pH	20.83 °C	24.13 µS/cm	2.134 mg/L	3.430 NTU	236.2 mV	25.35 ft	125.0 ml/min
8/14/2025 12:30 PM	25:00	4.628 pH	21.12 °C	24.29 µS/cm	2.120 mg/L	2.520 NTU	238.5 mV	25.36 ft	125.0 ml/min
8/14/2025 12:35 PM	30:00	4.625 pH	21.32 °C	23.91 µS/cm	2.100 mg/L	2.160 NTU	237.4 mV	25.36 ft	125.0 ml/min
8/14/2025 12:40 PM	35:00	4.605 pH	21.17 °C	23.94 µS/cm	2.094 mg/L	1.960 NTU	237.6 mV	25.37 ft	125.0 ml/min
8/14/2025 12:45 PM	40:00	4.584 pH	20.89 °C	24.22 µS/cm	2.086 mg/L	1.900 NTU	238.9 mV	25.37 ft	125.0 ml/min
8/14/2025 12:50 PM	45:00	4.604 pH	20.92 °C	23.93 µS/cm	2.076 mg/L	1.570 NTU	241.0 mV	25.37 ft	125.0 ml/min
8/14/2025 12:55 PM	50:00	4.564 pH	21.19 °C	23.67 µS/cm	2.076 mg/L	2.030 NTU	237.1 mV	25.37 ft	125.0 ml/min
8/14/2025 1:00 PM	55:00	4.584 pH	20.94 °C	23.73 µS/cm	2.095 mg/L	2.590 NTU	236.5 mV	25.37 ft	125.0 ml/min
8/14/2025 1:05 PM	01:00:00	4.650 pH	21.28 °C	23.37 µS/cm	2.039 mg/L	2.720 NTU	242.4 mV	25.37 ft	125.0 ml/min
8/14/2025 1:10 PM	01:05:00	4.614 pH	20.96 °C	23.41 µS/cm	2.051 mg/L	1.800 NTU	245.7 mV	25.38 ft	125.0 ml/min
8/14/2025 1:15 PM	01:10:00	4.698 pH	20.83 °C	23.08 µS/cm	2.055 mg/L	0.990 NTU	255.6 mV	25.38 ft	125.0 ml/min

8/14/2025 1:20 PM	01:15:00	4.733 pH	21.00 °C	23.32 µS/cm	2.056 mg/L	2.160 NTU	256.5 mV	25.38 ft	125.0 ml/min
8/14/2025 1:25 PM	01:20:00	4.738 pH	21.08 °C	23.71 µS/cm	2.041 mg/L	2.110 NTU	258.1 mV	25.38 ft	125.0 ml/min
8/14/2025 1:30 PM	01:25:00	4.788 pH	21.33 °C	23.67 µS/cm	2.026 mg/L	2.700 NTU	257.1 mV	25.38 ft	125.0 ml/min
8/14/2025 1:35 PM	01:30:00	4.802 pH	21.24 °C	24.10 µS/cm	2.073 mg/L	0.810 NTU	257.5 mV	25.38 ft	125.0 ml/min
8/14/2025 1:40 PM	01:35:00	4.741 pH	21.19 °C	23.95 µS/cm	2.067 mg/L	0.800 NTU	256.7 mV	25.38 ft	125.0 ml/min
8/14/2025 1:45 PM	01:40:00	4.758 pH	21.50 °C	23.90 µS/cm	2.050 mg/L	0.710 NTU	259.2 mV	25.38 ft	125.0 ml/min
8/14/2025 1:50 PM	01:45:00	4.845 pH	21.78 °C	24.04 µS/cm	2.029 mg/L	0.870 NTU	256.7 mV	25.38 ft	125.0 ml/min
8/14/2025 1:55 PM	01:50:00	4.883 pH	21.75 °C	23.70 µS/cm	2.017 mg/L	1.610 NTU	254.5 mV	25.38 ft	125.0 ml/min
8/14/2025 2:00 PM	01:55:00	4.923 pH	21.58 °C	23.75 µS/cm	2.025 mg/L	0.780 NTU	252.9 mV	25.34 ft	125.0 ml/min
8/14/2025 2:05 PM	02:00:00	4.924 pH	21.92 °C	23.33 µS/cm	2.007 mg/L	1.000 NTU	250.6 mV	25.34 ft	125.0 ml/min
8/14/2025 2:10 PM	02:05:00	4.960 pH	21.92 °C	23.70 µS/cm	2.008 mg/L	1.130 NTU	250.6 mV	25.34 ft	125.0 ml/min
8/14/2025 2:15 PM	02:10:00	5.008 pH	21.94 °C	23.74 µS/cm	1.987 mg/L	1.150 NTU	251.5 mV	25.34 ft	125.0 ml/min
8/14/2025 2:20 PM	02:15:00	5.028 pH	22.07 °C	23.57 µS/cm	1.986 mg/L	1.130 NTU	251.3 mV	25.34 ft	125.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 8/13/2025 12:15:26 PM
Project: Plant Wansley Ash Pond
Operator Name: J. Berisford

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: 19.82 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: 13.75 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 125 ml/min** **Final Draw Down: 172 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Cloudy, sample time-1405

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	
8/13/2025 12:15 PM	00:00	7.148 pH	25.13 °C	148.3 µS/cm	8.171 mg/L	4.860 NTU	74.4 mV	19.82 ft	125.0 ml/min
8/13/2025 12:20 PM	05:00	7.794 pH	23.78 °C	160.7 µS/cm	4.017 mg/L	1.520 NTU	37.0 mV	20.70 ft	125.0 ml/min
8/13/2025 12:25 PM	10:00	7.844 pH	23.46 °C	157.4 µS/cm	3.386 mg/L	0.990 NTU	11.1 mV	21.90 ft	125.0 ml/min
8/13/2025 12:30 PM	15:00	7.829 pH	23.62 °C	152.8 µS/cm	4.779 mg/L	0.950 NTU	13.6 mV	28.00 ft	125.0 ml/min
8/13/2025 12:35 PM	20:00	7.812 pH	23.37 °C	152.0 µS/cm	5.019 mg/L	0.890 NTU	15.4 mV	23.90 ft	125.0 ml/min
8/13/2025 12:40 PM	25:00	7.806 pH	23.38 °C	150.7 µS/cm	5.027 mg/L	0.640 NTU	15.9 mV	24.70 ft	125.0 ml/min
8/13/2025 12:45 PM	30:00	7.821 pH	23.08 °C	151.3 µS/cm	5.105 mg/L	0.690 NTU	16.3 mV	25.50 ft	125.0 ml/min
8/13/2025 12:50 PM	35:00	7.814 pH	23.08 °C	151.1 µS/cm	5.130 mg/L	0.780 NTU	18.0 mV	26.50 ft	125.0 ml/min
8/13/2025 12:55 PM	40:00	7.828 pH	23.16 °C	151.0 µS/cm	5.031 mg/L	0.620 NTU	18.8 mV	27.30 ft	125.0 ml/min
8/13/2025 1:00 PM	45:00	7.831 pH	22.81 °C	150.7 µS/cm	4.945 mg/L	0.570 NTU	19.6 mV	28.00 ft	125.0 ml/min
8/13/2025 1:05 PM	50:00	7.815 pH	22.75 °C	150.7 µS/cm	4.805 mg/L	0.510 NTU	22.1 mV	28.70 ft	125.0 ml/min
8/13/2025 1:10 PM	55:00	7.849 pH	22.82 °C	150.7 µS/cm	4.682 mg/L	0.720 NTU	20.2 mV	29.50 ft	125.0 ml/min
8/13/2025 1:15 PM	01:00:00	7.848 pH	22.59 °C	150.4 µS/cm	4.543 mg/L	0.550 NTU	19.1 mV	30.20 ft	125.0 ml/min
8/13/2025 1:20 PM	01:05:00	7.867 pH	22.70 °C	150.1 µS/cm	4.416 mg/L	0.580 NTU	17.0 mV	30.70 ft	125.0 ml/min

8/13/2025 1:25 PM	01:10:00	7.869 pH	22.65 °C	150.0 µS/cm	4.290 mg/L	0.640 NTU	14.2 mV	31.10 ft	125.0 ml/min
8/13/2025 1:30 PM	01:15:00	7.864 pH	22.65 °C	149.8 µS/cm	4.190 mg/L	0.770 NTU	11.1 mV	31.80 ft	125.0 ml/min
8/13/2025 1:35 PM	01:20:00	7.888 pH	22.83 °C	149.7 µS/cm	4.024 mg/L	0.810 NTU	6.8 mV	32.60 ft	125.0 ml/min
8/13/2025 1:40 PM	01:25:00	7.887 pH	22.88 °C	149.8 µS/cm	3.902 mg/L	0.780 NTU	3.1 mV	33.30 ft	125.0 ml/min
8/13/2025 1:45 PM	01:30:00	7.928 pH	22.69 °C	149.5 µS/cm	3.831 mg/L	0.740 NTU	-1.6 mV	33.90 ft	125.0 ml/min
8/13/2025 1:50 PM	01:35:00	7.909 pH	22.52 °C	149.4 µS/cm	3.792 mg/L	0.670 NTU	-4.2 mV	34.00 ft	125.0 ml/min
8/13/2025 1:55 PM	01:40:00	7.904 pH	22.07 °C	148.8 µS/cm	3.671 mg/L	0.730 NTU	-6.9 mV	34.10 ft	125.0 ml/min
8/13/2025 2:00 PM	01:45:00	7.924 pH	22.19 °C	148.7 µS/cm	3.550 mg/L	0.790 NTU	-11.0 mV	34.20 ft	125.0 ml/min
8/13/2025 2:05 PM	01:50:00	7.912 pH	22.22 °C	148.6 µS/cm	3.442 mg/L	0.840 NTU	-13.8 mV	34.20 ft	125.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/14/2025 9:13:07 AM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

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: 19.31 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: 7.5 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 300 ml/min** **Final Draw Down: 0.96 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1179236**

Test Notes:
Sample time 0938. Cloudy, 76 degrees F. FD-01 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	
8/14/2025 9:13 AM	00:00	6.337 pH	24.67 °C	175.5 µS/cm	6.316 mg/L	0.640 NTU	166.9 mV	19.31 ft	300.0 ml/min
8/14/2025 9:18 AM	05:00	5.253 pH	18.23 °C	152.1 µS/cm	4.952 mg/L	0.580 NTU	114.6 mV	19.36 ft	300.0 ml/min
8/14/2025 9:23 AM	10:00	5.247 pH	17.96 °C	152.0 µS/cm	4.695 mg/L	0.490 NTU	85.3 mV	19.38 ft	300.0 ml/min
8/14/2025 9:28 AM	15:00	5.253 pH	17.88 °C	152.4 µS/cm	4.628 mg/L	0.500 NTU	84.0 mV	19.39 ft	300.0 ml/min
8/14/2025 9:33 AM	20:00	5.257 pH	17.83 °C	152.0 µS/cm	4.640 mg/L	0.470 NTU	83.5 mV	19.39 ft	300.0 ml/min
8/14/2025 9:38 AM	25:00	5.257 pH	17.88 °C	151.9 µS/cm	4.689 mg/L	0.450 NTU	83.7 mV	19.39 ft	300.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/13/2025 11:40:12 AM
Project: Plant Wansley Ash Pond
Operator Name: C.Klamke

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: 29.5 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: 8 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.4 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 1220. Cloudy 82 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	
8/13/2025 11:40 AM	00:00	6.215 pH	20.99 °C	82.21 µS/cm	3.945 mg/L	4.910 NTU	122.0 mV	29.50 ft	200.0 ml/min
8/13/2025 11:45 AM	05:00	5.891 pH	19.52 °C	84.46 µS/cm	2.211 mg/L	2.500 NTU	165.4 mV	30.68 ft	200.0 ml/min
8/13/2025 11:50 AM	10:00	5.774 pH	19.30 °C	84.24 µS/cm	2.352 mg/L	1.940 NTU	188.0 mV	30.83 ft	200.0 ml/min
8/13/2025 11:55 AM	15:00	5.983 pH	19.31 °C	84.51 µS/cm	2.330 mg/L	1.370 NTU	182.0 mV	30.90 ft	200.0 ml/min
8/13/2025 12:00 PM	20:00	6.014 pH	19.27 °C	85.00 µS/cm	1.984 mg/L	1.430 NTU	-23.3 mV	30.90 ft	200.0 ml/min
8/13/2025 12:05 PM	25:00	5.753 pH	19.33 °C	85.46 µS/cm	1.812 mg/L	1.400 NTU	-45.3 mV	30.90 ft	200.0 ml/min
8/13/2025 12:10 PM	30:00	5.754 pH	19.17 °C	84.89 µS/cm	1.695 mg/L	1.710 NTU	-69.2 mV	30.90 ft	200.0 ml/min
8/13/2025 12:15 PM	35:00	5.755 pH	19.12 °C	85.00 µS/cm	1.654 mg/L	1.300 NTU	-81.8 mV	30.90 ft	200.0 ml/min
8/13/2025 12:20 PM	40:00	5.756 pH	19.18 °C	84.80 µS/cm	1.632 mg/L	1.280 NTU	-85.8 mV	30.90 ft	200.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 8/14/2025 4:04:17 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: 20.52 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: 8 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.9 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1179236**

Test Notes:
Sample time 1644. Sunny, 88 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	
8/14/2025 4:04 PM	00:00	6.894 pH	31.34 °C	138.6 µS/cm	6.769 mg/L	2.120 NTU	39.9 mV	20.52 ft	200.0 ml/min
8/14/2025 4:09 PM	05:00	6.934 pH	23.36 °C	147.2 µS/cm	2.487 mg/L	0.800 NTU	40.6 mV	21.12 ft	200.0 ml/min
8/14/2025 4:14 PM	10:00	6.741 pH	21.81 °C	140.8 µS/cm	0.791 mg/L	2.940 NTU	16.6 mV	21.17 ft	200.0 ml/min
8/14/2025 4:19 PM	15:00	6.709 pH	21.62 °C	130.5 µS/cm	0.377 mg/L	9.170 NTU	22.1 mV	21.32 ft	200.0 ml/min
8/14/2025 4:24 PM	20:00	6.708 pH	22.82 °C	130.0 µS/cm	0.574 mg/L	8.680 NTU	22.5 mV	21.38 ft	200.0 ml/min
8/14/2025 4:29 PM	25:00	6.680 pH	22.74 °C	129.4 µS/cm	0.533 mg/L	6.130 NTU	25.7 mV	21.40 ft	200.0 ml/min
8/14/2025 4:34 PM	30:00	6.668 pH	22.51 °C	129.0 µS/cm	0.476 mg/L	3.900 NTU	27.2 mV	21.41 ft	200.0 ml/min
8/14/2025 4:39 PM	35:00	6.667 pH	22.07 °C	128.0 µS/cm	0.420 mg/L	2.890 NTU	28.6 mV	21.42 ft	200.0 ml/min
8/14/2025 4:44 PM	40:00	6.674 pH	21.80 °C	128.0 µS/cm	0.378 mg/L	2.350 NTU	28.7 mV	21.42 ft	200.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 8/14/2025 10:30:05 AM
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: 29.5 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: 6 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 7.2 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1179236**

Test Notes:
Sample time 1100. Sunny, 79 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	
8/14/2025 10:30 AM	00:00	5.369 pH	23.02 °C	1,063 µS/cm	4.047 mg/L	0.610 NTU	100.5 mV	29.50 ft	200.0 ml/min
8/14/2025 10:35 AM	05:00	5.322 pH	21.31 °C	1,005 µS/cm	2.694 mg/L	1.270 NTU	93.1 mV	30.03 ft	200.0 ml/min
8/14/2025 10:40 AM	10:00	5.330 pH	21.39 °C	963.3 µS/cm	2.518 mg/L	0.850 NTU	91.8 mV	30.05 ft	200.0 ml/min
8/14/2025 10:45 AM	15:00	5.330 pH	21.18 °C	962.8 µS/cm	2.377 mg/L	0.760 NTU	90.8 mV	30.07 ft	200.0 ml/min
8/14/2025 10:50 AM	20:00	5.330 pH	21.52 °C	956.3 µS/cm	2.219 mg/L	0.580 NTU	90.4 mV	30.09 ft	200.0 ml/min
8/14/2025 10:55 AM	25:00	5.327 pH	21.08 °C	961.7 µS/cm	2.151 mg/L	0.870 NTU	91.5 mV	30.10 ft	200.0 ml/min
8/14/2025 11:00 AM	30:00	5.326 pH	21.22 °C	963.5 µS/cm	2.085 mg/L	0.850 NTU	90.6 mV	30.10 ft	200.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 8/19/2025 9:36:06 AM
Project: Plant Wansley Ash Pond
Operator Name: Taylor Goble

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: 49.7 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: 5.5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 5.24 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sampled at 1031. Sunny 80 degrees. WAN-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	
8/19/2025 9:36 AM	00:00	7.48 pH	22.56 °C	885.06 µS/cm	8.29 mg/L	4.85 NTU	188.4 mV	49.70 ft	100.00 ml/min
8/19/2025 9:41 AM	05:00	6.82 pH	20.91 °C	1,088.8 µS/cm	2.70 mg/L	5.57 NTU	140.7 mV	50.82 ft	100.00 ml/min
8/19/2025 9:46 AM	10:00	6.78 pH	20.70 °C	1,102.4 µS/cm	1.68 mg/L	6.62 NTU	143.7 mV	51.47 ft	100.00 ml/min
8/19/2025 9:51 AM	15:00	6.77 pH	20.61 °C	1,083.1 µS/cm	1.42 mg/L	6.11 NTU	141.3 mV	52.05 ft	100.00 ml/min
8/19/2025 9:56 AM	20:00	6.76 pH	20.66 °C	1,058.3 µS/cm	1.11 mg/L	6.02 NTU	127.2 mV	52.65 ft	100.00 ml/min
8/19/2025 10:01 AM	25:00	6.76 pH	20.61 °C	1,053.7 µS/cm	0.93 mg/L	5.02 NTU	117.3 mV	53.45 ft	100.00 ml/min
8/19/2025 10:06 AM	30:00	6.75 pH	20.67 °C	1,046.9 µS/cm	0.89 mg/L	4.56 NTU	111.1 mV	53.71 ft	100.00 ml/min
8/19/2025 10:11 AM	35:00	6.75 pH	20.72 °C	1,038.3 µS/cm	0.81 mg/L	3.63 NTU	105.6 mV	54.22 ft	100.00 ml/min
8/19/2025 10:16 AM	40:00	6.75 pH	20.71 °C	1,024.0 µS/cm	0.78 mg/L	3.11 NTU	101.7 mV	54.51 ft	100.00 ml/min
8/19/2025 10:21 AM	45:00	6.74 pH	20.66 °C	1,013.8 µS/cm	0.77 mg/L	2.87 NTU	97.5 mV	54.77 ft	100.00 ml/min
8/19/2025 10:26 AM	50:00	6.74 pH	20.55 °C	998.19 µS/cm	0.78 mg/L	2.55 NTU	93.2 mV	54.86 ft	100.00 ml/min
8/19/2025 10:31 AM	55:00	6.73 pH	20.55 °C	989.94 µS/cm	0.73 mg/L	2.34 NTU	89.9 mV	54.94 ft	100.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/18/2025 4:09:04 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: 18.79 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 39 ft** **Estimated Total Volume Pumped: 6 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 2.05 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sampled at 1649. Sunny 90 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	
8/18/2025 4:09 PM	00:00	5.62 pH	24.54 °C	188.59 µS/cm	4.80 mg/L	25.20 NTU	207.5 mV	18.79 ft	150.00 ml/min
8/18/2025 4:14 PM	05:00	5.54 pH	21.22 °C	182.20 µS/cm	2.57 mg/L	23.00 NTU	243.1 mV	19.81 ft	150.00 ml/min
8/18/2025 4:18 PM	09:54	5.40 pH	20.77 °C	182.22 µS/cm	2.27 mg/L	16.70 NTU	261.0 mV	20.77 ft	150.00 ml/min
8/18/2025 4:23 PM	14:54	5.30 pH	20.62 °C	181.75 µS/cm	2.08 mg/L	13.10 NTU	272.2 mV	20.82 ft	150.00 ml/min
8/18/2025 4:28 PM	19:54	5.26 pH	20.53 °C	180.33 µS/cm	1.96 mg/L	9.98 NTU	278.0 mV	20.84 ft	150.00 ml/min
8/18/2025 4:33 PM	24:54	5.25 pH	20.59 °C	180.21 µS/cm	1.90 mg/L	8.38 NTU	282.2 mV	20.84 ft	150.00 ml/min
8/18/2025 4:38 PM	29:54	5.32 pH	20.63 °C	179.10 µS/cm	1.90 mg/L	6.23 NTU	281.3 mV	20.84 ft	150.00 ml/min
8/18/2025 4:43 PM	34:54	5.36 pH	20.46 °C	178.72 µS/cm	1.91 mg/L	5.23 NTU	281.2 mV	20.84 ft	150.00 ml/min
8/18/2025 4:48 PM	39:54	5.39 pH	20.38 °C	177.12 µS/cm	1.93 mg/L	4.65 NTU	280.8 mV	20.84 ft	150.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 8/19/2025 12:49:06 PM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

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: 29.55 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: 27 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 10.44 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1179236**

Test Notes:
Sample time 1549. Cloudy, 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	+/- 0.3	
8/19/2025 12:49 PM	00:00	5.597 pH	26.82 °C	60.48 µS/cm	5.196 mg/L	41.40 NTU	121.9 mV	29.55 ft	150.0 ml/min
8/19/2025 12:54 PM	05:00	5.396 pH	20.77 °C	55.45 µS/cm	4.179 mg/L	11.60 NTU	135.6 mV	30.22 ft	150.0 ml/min
8/19/2025 12:59 PM	10:00	5.377 pH	20.28 °C	55.45 µS/cm	3.916 mg/L	14.70 NTU	138.0 mV	30.39 ft	150.0 ml/min
8/19/2025 1:04 PM	15:00	5.379 pH	20.17 °C	55.43 µS/cm	3.750 mg/L	15.70 NTU	139.4 mV	30.40 ft	150.0 ml/min
8/19/2025 1:09 PM	20:00	5.381 pH	20.10 °C	55.67 µS/cm	3.677 mg/L	15.00 NTU	139.9 mV	30.41 ft	150.0 ml/min
8/19/2025 1:14 PM	25:00	5.367 pH	20.14 °C	55.97 µS/cm	3.653 mg/L	15.40 NTU	140.4 mV	30.42 ft	150.0 ml/min
8/19/2025 1:19 PM	30:00	5.383 pH	20.17 °C	55.88 µS/cm	3.616 mg/L	14.20 NTU	139.9 mV	30.42 ft	150.0 ml/min
8/19/2025 1:24 PM	35:00	5.380 pH	20.20 °C	55.99 µS/cm	3.604 mg/L	14.60 NTU	139.0 mV	30.42 ft	150.0 ml/min
8/19/2025 1:29 PM	40:00	5.372 pH	20.07 °C	56.31 µS/cm	3.588 mg/L	14.40 NTU	183.6 mV	30.42 ft	150.0 ml/min
8/19/2025 1:34 PM	45:00	5.389 pH	20.06 °C	55.81 µS/cm	3.601 mg/L	14.70 NTU	139.0 mV	30.42 ft	150.0 ml/min
8/19/2025 1:39 PM	50:00	5.379 pH	20.06 °C	55.98 µS/cm	3.580 mg/L	17.50 NTU	137.9 mV	30.42 ft	150.0 ml/min
8/19/2025 1:44 PM	55:00	5.361 pH	20.06 °C	55.82 µS/cm	3.565 mg/L	15.90 NTU	137.8 mV	30.42 ft	150.0 ml/min
8/19/2025 1:49 PM	01:00:00	5.344 pH	19.99 °C	55.89 µS/cm	3.555 mg/L	16.60 NTU	138.3 mV	30.42 ft	150.0 ml/min
8/19/2025 1:54 PM	01:05:00	5.354 pH	20.33 °C	55.91 µS/cm	3.556 mg/L	14.70 NTU	134.8 mV	30.42 ft	150.0 ml/min

8/19/2025 1:59 PM	01:10:00	5.344 pH	20.16 °C	56.12 µS/cm	3.556 mg/L	13.90 NTU	134.9 mV	30.42 ft	150.0 ml/min
8/19/2025 2:04 PM	01:15:00	5.342 pH	20.22 °C	56.26 µS/cm	3.544 mg/L	13.10 NTU	134.3 mV	30.42 ft	150.0 ml/min
8/19/2025 2:09 PM	01:20:00	5.357 pH	20.19 °C	56.25 µS/cm	3.536 mg/L	11.60 NTU	133.2 mV	30.42 ft	150.0 ml/min
8/19/2025 2:14 PM	01:25:00	5.356 pH	20.00 °C	56.22 µS/cm	3.543 mg/L	10.70 NTU	132.4 mV	30.42 ft	150.0 ml/min
8/19/2025 2:19 PM	01:30:00	5.373 pH	20.01 °C	56.43 µS/cm	3.535 mg/L	10.40 NTU	131.3 mV	30.42 ft	150.0 ml/min
8/19/2025 2:24 PM	01:35:00	5.372 pH	20.12 °C	56.40 µS/cm	3.540 mg/L	9.870 NTU	131.0 mV	30.42 ft	150.0 ml/min
8/19/2025 2:29 PM	01:40:00	5.370 pH	19.94 °C	56.44 µS/cm	3.547 mg/L	9.030 NTU	130.1 mV	30.42 ft	150.0 ml/min
8/19/2025 2:34 PM	01:45:00	5.376 pH	20.10 °C	56.52 µS/cm	3.557 mg/L	9.550 NTU	130.0 mV	30.42 ft	150.0 ml/min
8/19/2025 2:39 PM	01:50:00	5.361 pH	20.15 °C	56.41 µS/cm	3.549 mg/L	9.590 NTU	129.7 mV	30.42 ft	150.0 ml/min
8/19/2025 2:44 PM	01:55:00	5.329 pH	20.23 °C	56.25 µS/cm	3.525 mg/L	9.600 NTU	131.1 mV	30.42 ft	150.0 ml/min
8/19/2025 2:49 PM	02:00:00	5.335 pH	20.19 °C	56.24 µS/cm	3.563 mg/L	10.30 NTU	130.5 mV	30.42 ft	150.0 ml/min
8/19/2025 2:54 PM	02:05:00	5.336 pH	20.13 °C	56.36 µS/cm	3.562 mg/L	10.20 NTU	130.1 mV	30.42 ft	150.0 ml/min
8/19/2025 2:59 PM	02:10:00	5.341 pH	20.20 °C	56.37 µS/cm	3.562 mg/L	10.30 NTU	129.5 mV	30.42 ft	150.0 ml/min
8/19/2025 3:04 PM	02:15:00	5.351 pH	20.53 °C	56.44 µS/cm	3.567 mg/L	10.20 NTU	128.7 mV	30.42 ft	150.0 ml/min
8/19/2025 3:09 PM	02:20:00	5.360 pH	20.69 °C	56.45 µS/cm	3.560 mg/L	9.940 NTU	128.4 mV	30.42 ft	150.0 ml/min
8/19/2025 3:14 PM	02:25:00	5.373 pH	20.68 °C	56.40 µS/cm	3.543 mg/L	9.080 NTU	128.0 mV	30.42 ft	150.0 ml/min
8/19/2025 3:19 PM	02:30:00	5.379 pH	20.73 °C	56.40 µS/cm	3.537 mg/L	8.850 NTU	127.8 mV	30.42 ft	150.0 ml/min
8/19/2025 3:24 PM	02:35:00	5.377 pH	20.64 °C	56.41 µS/cm	3.572 mg/L	8.540 NTU	127.3 mV	30.42 ft	150.0 ml/min
8/19/2025 3:29 PM	02:40:00	5.378 pH	20.24 °C	56.39 µS/cm	3.548 mg/L	8.280 NTU	126.7 mV	30.42 ft	150.0 ml/min
8/19/2025 3:34 PM	02:45:00	5.378 pH	20.31 °C	56.46 µS/cm	3.551 mg/L	7.960 NTU	125.9 mV	30.42 ft	150.0 ml/min
8/19/2025 3:39 PM	02:50:00	5.333 pH	20.28 °C	56.60 µS/cm	3.552 mg/L	7.750 NTU	168.7 mV	30.42 ft	150.0 ml/min
8/19/2025 3:44 PM	02:55:00	5.345 pH	20.30 °C	56.46 µS/cm	3.555 mg/L	7.530 NTU	170.9 mV	30.42 ft	150.0 ml/min
8/19/2025 3:49 PM	03:00:00	5.341 pH	20.10 °C	56.38 µS/cm	3.543 mg/L	6.800 NTU	128.5 mV	30.42 ft	150.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 8/18/2025 3:37:16 PM
Project: Plant Wansley Ash Pond
Operator Name: Hunter Auld

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: 16.14 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: 7000 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 280 ml/min** **Final Draw Down: 0.26 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183949**

Test Notes:
Sample time 1602. Partly cloudy 89. FD-03 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	
8/18/2025 3:37 PM	00:00	4.529 pH	20.78 °C	139.8 µS/cm	2.121 mg/L	2.890 NTU	219.8 mV	16.14 ft	280.0 ml/min
8/18/2025 3:42 PM	05:00	4.527 pH	19.97 °C	141.2 µS/cm	1.685 mg/L	1.810 NTU	223.4 mV	16.30 ft	280.0 ml/min
8/18/2025 3:47 PM	10:00	4.514 pH	19.52 °C	140.5 µS/cm	1.698 mg/L	1.720 NTU	233.5 mV	16.35 ft	280.0 ml/min
8/18/2025 3:52 PM	15:00	4.500 pH	19.35 °C	140.8 µS/cm	1.672 mg/L	1.380 NTU	249.0 mV	16.35 ft	280.0 ml/min
8/18/2025 3:57 PM	20:00	4.529 pH	19.58 °C	140.9 µS/cm	1.663 mg/L	1.550 NTU	261.0 mV	16.35 ft	280.0 ml/min
8/18/2025 4:02 PM	25:00	4.566 pH	19.36 °C	141.1 µS/cm	1.668 mg/L	1.170 NTU	272.1 mV	16.40 ft	280.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 8/13/2025 8:40:34 AM
Project: Plant Wansley Ash Pond
Operator Name: J. Berisford

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: 18.14 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: 55.5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 300 ml/min** **Final Draw Down: 9 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Cloudy, sample time-1145

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	
8/13/2025 8:40 AM	00:00	6.108 pH	25.11 °C	6.399 µS/cm	8.115 mg/L	3.580 NTU	224.0 mV	18.14 ft	300.0 ml/min
8/13/2025 8:45 AM	05:00	5.461 pH	18.80 °C	214.2 µS/cm	0.443 mg/L	25.00 NTU	132.4 mV	18.90 ft	300.0 ml/min
8/13/2025 8:50 AM	10:00	5.578 pH	18.34 °C	213.9 µS/cm	0.252 mg/L	14.00 NTU	107.5 mV	18.90 ft	300.0 ml/min
8/13/2025 8:55 AM	15:00	5.570 pH	18.44 °C	215.0 µS/cm	0.208 mg/L	13.00 NTU	100.3 mV	18.90 ft	300.0 ml/min
8/13/2025 9:00 AM	20:00	5.590 pH	18.23 °C	215.6 µS/cm	0.211 mg/L	13.00 NTU	95.2 mV	18.90 ft	300.0 ml/min
8/13/2025 9:05 AM	25:00	5.566 pH	18.18 °C	216.1 µS/cm	0.205 mg/L	12.00 NTU	92.2 mV	18.90 ft	300.0 ml/min
8/13/2025 9:10 AM	30:00	5.811 pH	18.40 °C	216.0 µS/cm	0.202 mg/L	12.00 NTU	79.0 mV	18.90 ft	300.0 ml/min
8/13/2025 9:15 AM	35:00	5.467 pH	18.17 °C	216.0 µS/cm	0.195 mg/L	13.00 NTU	92.1 mV	18.90 ft	300.0 ml/min
8/13/2025 9:20 AM	40:00	5.457 pH	18.01 °C	215.1 µS/cm	0.188 mg/L	13.00 NTU	90.5 mV	18.90 ft	300.0 ml/min
8/13/2025 9:25 AM	45:00	5.427 pH	18.18 °C	215.6 µS/cm	0.189 mg/L	11.00 NTU	90.2 mV	18.90 ft	300.0 ml/min
8/13/2025 9:30 AM	50:00	5.419 pH	18.09 °C	214.9 µS/cm	0.182 mg/L	15.00 NTU	89.2 mV	18.90 ft	300.0 ml/min
8/13/2025 9:35 AM	55:00	5.703 pH	18.17 °C	214.9 µS/cm	0.192 mg/L	14.00 NTU	73.6 mV	18.90 ft	300.0 ml/min
8/13/2025 9:40 AM	01:00:00	5.389 pH	18.33 °C	214.3 µS/cm	0.191 mg/L	13.00 NTU	87.9 mV	18.90 ft	300.0 ml/min
8/13/2025 9:45 AM	01:05:00	5.379 pH	18.24 °C	214.7 µS/cm	0.174 mg/L	15.00 NTU	87.2 mV	18.90 ft	300.0 ml/min

8/13/2025 9:50 AM	01:10:00	5.364 pH	18.48 °C	214.2 µS/cm	0.170 mg/L	17.00 NTU	87.5 mV	18.90 ft	300.0 ml/min
8/13/2025 9:55 AM	01:15:00	5.355 pH	18.37 °C	214.2 µS/cm	0.171 mg/L	15.00 NTU	87.0 mV	18.90 ft	300.0 ml/min
8/13/2025 10:00 AM	01:20:00	5.611 pH	18.35 °C	214.5 µS/cm	0.170 mg/L	16.00 NTU	74.2 mV	18.90 ft	300.0 ml/min
8/13/2025 10:05 AM	01:25:00	5.345 pH	18.56 °C	213.3 µS/cm	0.168 mg/L	17.00 NTU	86.1 mV	18.90 ft	300.0 ml/min
8/13/2025 10:10 AM	01:30:00	5.345 pH	18.29 °C	213.2 µS/cm	0.169 mg/L	16.00 NTU	85.7 mV	18.90 ft	300.0 ml/min
8/13/2025 10:15 AM	01:35:00	5.353 pH	18.46 °C	213.2 µS/cm	0.165 mg/L	19.00 NTU	84.8 mV	18.90 ft	300.0 ml/min
8/13/2025 10:20 AM	01:40:00	5.358 pH	18.37 °C	212.8 µS/cm	0.164 mg/L	21.00 NTU	84.0 mV	18.90 ft	300.0 ml/min
8/13/2025 10:25 AM	01:45:00	5.583 pH	18.60 °C	213.0 µS/cm	0.160 mg/L	20.00 NTU	73.5 mV	18.90 ft	300.0 ml/min
8/13/2025 10:30 AM	01:50:00	5.401 pH	18.72 °C	212.6 µS/cm	0.160 mg/L	18.00 NTU	80.9 mV	18.90 ft	300.0 ml/min
8/13/2025 10:35 AM	01:55:00	5.410 pH	18.58 °C	212.3 µS/cm	0.160 mg/L	17.00 NTU	80.4 mV	18.90 ft	300.0 ml/min
8/13/2025 10:40 AM	02:00:00	5.429 pH	18.73 °C	211.9 µS/cm	0.170 mg/L	15.00 NTU	79.3 mV	18.90 ft	300.0 ml/min
8/13/2025 10:45 AM	02:05:00	5.419 pH	18.69 °C	212.2 µS/cm	0.156 mg/L	14.00 NTU	79.7 mV	18.90 ft	300.0 ml/min
8/13/2025 10:50 AM	02:10:00	5.449 pH	18.58 °C	210.8 µS/cm	0.155 mg/L	15.00 NTU	78.9 mV	18.90 ft	300.0 ml/min
8/13/2025 10:55 AM	02:15:00	5.410 pH	18.45 °C	212.0 µS/cm	0.153 mg/L	16.00 NTU	80.1 mV	18.90 ft	300.0 ml/min
8/13/2025 11:00 AM	02:20:00	5.402 pH	18.50 °C	211.3 µS/cm	0.152 mg/L	18.00 NTU	80.3 mV	18.90 ft	300.0 ml/min
8/13/2025 11:05 AM	02:25:00	5.639 pH	18.55 °C	211.5 µS/cm	0.160 mg/L	17.00 NTU	69.4 mV	18.90 ft	300.0 ml/min
8/13/2025 11:10 AM	02:30:00	5.410 pH	18.70 °C	211.0 µS/cm	0.154 mg/L	17.00 NTU	79.8 mV	18.90 ft	300.0 ml/min
8/13/2025 11:15 AM	02:35:00	5.415 pH	18.41 °C	210.5 µS/cm	0.162 mg/L	16.00 NTU	79.7 mV	18.90 ft	300.0 ml/min
8/13/2025 11:20 AM	02:40:00	5.476 pH	18.42 °C	210.7 µS/cm	0.147 mg/L	16.00 NTU	77.2 mV	18.90 ft	300.0 ml/min
8/13/2025 11:25 AM	02:45:00	5.473 pH	18.45 °C	210.5 µS/cm	0.158 mg/L	14.00 NTU	77.4 mV	18.90 ft	300.0 ml/min
8/13/2025 11:30 AM	02:50:00	5.709 pH	18.75 °C	210.5 µS/cm	0.156 mg/L	13.00 NTU	65.8 mV	18.90 ft	300.0 ml/min
8/13/2025 11:35 AM	02:55:00	5.520 pH	18.57 °C	211.2 µS/cm	0.154 mg/L	11.00 NTU	75.3 mV	18.90 ft	300.0 ml/min
8/13/2025 11:40 AM	03:00:00	5.533 pH	18.72 °C	211.1 µS/cm	0.153 mg/L	9.450 NTU	74.8 mV	18.90 ft	300.0 ml/min
8/13/2025 11:45 AM	03:05:00	5.578 pH	18.71 °C	210.4 µS/cm	0.158 mg/L	9.840 NTU	73.1 mV	18.90 ft	300.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/18/2025 1:32:15 PM
Project: Plant Wansley Ash Pond
Operator Name: Taylor Goble

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: 9.16 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 37 ft** **Estimated Total Volume Pumped: 15.75 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 6.32 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sampled at 1517. Sunny 90 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	
8/18/2025 1:32 PM	00:00	6.40 pH	30.45 °C	167.98 µS/cm	5.00 mg/L	98.00 NTU	181.8 mV	9.16 ft	150.00 ml/min
8/18/2025 1:37 PM	05:00	6.51 pH	22.44 °C	461.92 µS/cm	2.05 mg/L	45.70 NTU	100.6 mV	10.81 ft	150.00 ml/min
8/18/2025 1:42 PM	10:00	6.54 pH	22.08 °C	471.88 µS/cm	1.28 mg/L	38.50 NTU	78.9 mV	11.70 ft	150.00 ml/min
8/18/2025 1:47 PM	15:00	6.52 pH	22.28 °C	410.55 µS/cm	1.68 mg/L	17.70 NTU	72.3 mV	12.22 ft	150.00 ml/min
8/18/2025 1:52 PM	20:00	6.44 pH	22.38 °C	353.43 µS/cm	2.34 mg/L	9.57 NTU	75.7 mV	12.51 ft	150.00 ml/min
8/18/2025 1:57 PM	25:00	6.33 pH	22.94 °C	315.49 µS/cm	2.76 mg/L	6.12 NTU	85.4 mV	13.11 ft	150.00 ml/min
8/18/2025 2:02 PM	30:00	6.35 pH	23.14 °C	284.00 µS/cm	3.07 mg/L	4.77 NTU	85.7 mV	13.73 ft	150.00 ml/min
8/18/2025 2:07 PM	35:00	6.29 pH	22.27 °C	257.03 µS/cm	3.36 mg/L	4.24 NTU	91.3 mV	14.08 ft	150.00 ml/min
8/18/2025 2:12 PM	40:00	6.30 pH	22.59 °C	242.58 µS/cm	3.59 mg/L	3.76 NTU	93.3 mV	14.44 ft	150.00 ml/min
8/18/2025 2:17 PM	45:00	6.26 pH	21.82 °C	228.57 µS/cm	3.84 mg/L	3.65 NTU	99.0 mV	14.67 ft	150.00 ml/min
8/18/2025 2:22 PM	50:00	6.26 pH	22.84 °C	224.88 µS/cm	3.90 mg/L	3.33 NTU	101.9 mV	14.79 ft	150.00 ml/min
8/18/2025 2:27 PM	55:00	6.21 pH	23.45 °C	213.64 µS/cm	4.20 mg/L	3.27 NTU	102.7 mV	14.86 ft	150.00 ml/min
8/18/2025 2:32 PM	01:00:00	6.16 pH	24.34 °C	195.11 µS/cm	4.32 mg/L	3.15 NTU	108.0 mV	14.93 ft	150.00 ml/min
8/18/2025 2:37 PM	01:05:00	6.17 pH	24.66 °C	189.12 µS/cm	4.62 mg/L	3.03 NTU	110.6 mV	14.99 ft	150.00 ml/min

8/18/2025 2:42 PM	01:10:00	6.16 pH	24.23 °C	183.77 µS/cm	4.63 mg/L	2.77 NTU	113.0 mV	15.05 ft	150.00 ml/min
8/18/2025 2:47 PM	01:15:00	6.16 pH	24.60 °C	175.42 µS/cm	4.76 mg/L	2.61 NTU	115.2 mV	15.12 ft	150.00 ml/min
8/18/2025 2:52 PM	01:20:00	6.15 pH	23.95 °C	173.65 µS/cm	4.74 mg/L	2.47 NTU	117.1 mV	15.19 ft	150.00 ml/min
8/18/2025 2:57 PM	01:25:00	6.07 pH	23.35 °C	163.62 µS/cm	4.79 mg/L	2.22 NTU	124.4 mV	15.25 ft	150.00 ml/min
8/18/2025 3:02 PM	01:30:00	6.12 pH	22.87 °C	164.26 µS/cm	4.86 mg/L	2.13 NTU	123.6 mV	15.31 ft	150.00 ml/min
8/18/2025 3:07 PM	01:35:00	6.08 pH	22.98 °C	155.79 µS/cm	4.94 mg/L	1.97 NTU	129.0 mV	15.36 ft	150.00 ml/min
8/18/2025 3:12 PM	01:40:00	6.10 pH	23.92 °C	152.64 µS/cm	4.95 mg/L	2.04 NTU	128.9 mV	15.43 ft	150.00 ml/min
8/18/2025 3:17 PM	01:45:00	6.08 pH	24.16 °C	150.51 µS/cm	5.04 mg/L	2.20 NTU	131.6 mV	15.48 ft	150.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/14/2025 11:51:11 AM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

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: 31.45 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 204 ft** **Estimated Total Volume Pumped: 5.62 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 125 ml/min** **Final Draw Down: 32.04 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1179236**

Test Notes:
Sample time 1236. Sunny, 83 degrees F.
EB-02 here on gloves.

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	
8/14/2025 11:51 AM	00:00	5.426 pH	29.33 °C	2,255 µS/cm	6.330 mg/L	5.230 NTU	130.7 mV	31.45 ft	125.0 ml/min
8/14/2025 11:56 AM	05:00	6.446 pH	26.44 °C	2,356 µS/cm	1.277 mg/L	4.680 NTU	32.9 mV	32.11 ft	125.0 ml/min
8/14/2025 12:01 PM	10:00	6.535 pH	25.84 °C	2,338 µS/cm	0.800 mg/L	2.840 NTU	-51.7 mV	32.47 ft	125.0 ml/min
8/14/2025 12:06 PM	15:00	6.567 pH	25.31 °C	2,352 µS/cm	0.633 mg/L	2.040 NTU	-65.2 mV	32.71 ft	125.0 ml/min
8/14/2025 12:11 PM	20:00	6.393 pH	25.07 °C	2,419 µS/cm	0.555 mg/L	1.340 NTU	-19.0 mV	32.93 ft	125.0 ml/min
8/14/2025 12:16 PM	25:00	6.366 pH	24.85 °C	2,572 µS/cm	0.513 mg/L	1.350 NTU	-5.3 mV	33.17 ft	125.0 ml/min
8/14/2025 12:21 PM	30:00	6.449 pH	24.98 °C	2,739 µS/cm	0.432 mg/L	1.100 NTU	-18.9 mV	33.44 ft	125.0 ml/min
8/14/2025 12:26 PM	35:00	6.572 pH	24.94 °C	2,808 µS/cm	0.399 mg/L	1.190 NTU	-37.0 mV	33.86 ft	125.0 ml/min
8/14/2025 12:31 PM	40:00	6.644 pH	25.83 °C	2,849 µS/cm	0.354 mg/L	2.370 NTU	-50.2 mV	34.01 ft	125.0 ml/min
8/14/2025 12:36 PM	45:00	6.660 pH	27.31 °C	2,885 µS/cm	0.424 mg/L	1.920 NTU	-56.3 mV	34.12 ft	125.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/20/2025 9:14:30 AM
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: 49.63 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 89.5 ft** **Estimated Total Volume Pumped: 3750 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.07 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183949**

Test Notes:
Sample time 0939. Cloudy 77.

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	
8/20/2025 9:14 AM	00:00	6.397 pH	21.10 °C	323.9 µS/cm	2.964 mg/L	9.830 NTU	204.4 mV	49.63 ft	150.0 ml/min
8/20/2025 9:19 AM	05:00	6.418 pH	19.55 °C	305.6 µS/cm	0.616 mg/L	8.100 NTU	186.5 mV	49.70 ft	150.0 ml/min
8/20/2025 9:24 AM	10:00	6.409 pH	19.44 °C	303.9 µS/cm	0.429 mg/L	3.560 NTU	159.3 mV	49.70 ft	150.0 ml/min
8/20/2025 9:29 AM	15:00	6.424 pH	19.27 °C	303.5 µS/cm	0.337 mg/L	1.970 NTU	171.3 mV	49.70 ft	150.0 ml/min
8/20/2025 9:34 AM	20:00	6.408 pH	19.14 °C	303.8 µS/cm	0.288 mg/L	2.000 NTU	142.4 mV	49.70 ft	150.0 ml/min
8/20/2025 9:39 AM	25:00	6.390 pH	19.16 °C	303.7 µS/cm	0.253 mg/L	1.890 NTU	152.6 mV	49.70 ft	150.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/21/2025 3:44:06 PM
Project: Plant Wansley Ash Pond
Operator Name: Hunter Auld

Location Name: WCR(+0.1)	Flow Cell Volume: 130 ml	Instrument Used: Aqua TROLL 500 Serial Number: 1183949

Test Notes:
Sample time 1545. Partly cloudy 86.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5
8/21/2025 3:44 PM	00:00	7.289 pH	28.42 °C	228.1 µS/cm	6.942 mg/L	40.80 NTU	132.7 mV	
8/21/2025 3:45 PM	01:00	7.286 pH	28.62 °C	225.7 µS/cm	6.941 mg/L	40.80 NTU	132.7 mV	

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/21/2025 5:04:40 PM
Project: Plant Wansley Ash Pond
Operator Name: Hunter Auld

Location Name: WCR(+1.9)	Flow Cell Volume: 130 ml	Instrument Used: Aqua TROLL 500 Serial Number: 1183949

Test Notes:
Sample time 1705. Rain 80.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5
8/21/2025 5:04 PM	00:00	7.469 pH	26.44 °C	129.6 µS/cm	7.248 mg/L	48.00 NTU	105.2 mV	
8/21/2025 5:05 PM	01:00	7.493 pH	26.45 °C	129.7 µS/cm	7.262 mg/L	48.00 NTU	110.8 mV	

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/21/2025 4:16:18 PM
Project: Plant Wansley Ash Pond
Operator Name: Hunter Auld

Location Name: WCR(-0.6)	Flow Cell Volume: 130 ml	Instrument Used: Aqua TROLL 500 Serial Number: 1183949

Test Notes:
Sample time 1617. Cloudy 86.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5
8/21/2025 4:16 PM	00:00	7.458 pH	27.85 °C	151.2 µS/cm	7.147 mg/L	59.70 NTU	107.2 mV	
8/21/2025 4:17 PM	01:00	7.474 pH	27.95 °C	151.6 µS/cm	7.204 mg/L	59.70 NTU	110.5 mV	

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/20/2025 1:16:19 PM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

Location Name: WGWC-30 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 23.54 ft** **Total Depth: 33.54 ft** **Initial Depth to Water: 21.61 ft**	**Pump Type: Peristaltic pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 71 ft** **Estimated Total Volume Pumped: 9 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 300 ml/min** **Final Draw Down: 7.08 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1179236**

Test Notes:
Sample time 1346. Sunny, 85 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	
8/20/2025 1:16 PM	00:00	7.083 pH	27.80 °C	27.22 µS/cm	6.249 mg/L	3.320 NTU	144.8 mV	21.61 ft	300.0 ml/min
8/20/2025 1:21 PM	05:00	5.456 pH	20.46 °C	24.01 µS/cm	6.078 mg/L	1.490 NTU	129.6 mV	22.15 ft	300.0 ml/min
8/20/2025 1:26 PM	10:00	5.417 pH	20.10 °C	22.43 µS/cm	6.141 mg/L	1.760 NTU	129.9 mV	22.17 ft	300.0 ml/min
8/20/2025 1:31 PM	15:00	5.408 pH	20.53 °C	21.66 µS/cm	6.094 mg/L	1.290 NTU	134.6 mV	22.18 ft	300.0 ml/min
8/20/2025 1:36 PM	20:00	5.381 pH	20.19 °C	20.69 µS/cm	6.175 mg/L	1.700 NTU	134.3 mV	22.19 ft	300.0 ml/min
8/20/2025 1:41 PM	25:00	5.376 pH	20.19 °C	19.97 µS/cm	6.311 mg/L	1.970 NTU	133.8 mV	22.20 ft	300.0 ml/min
8/20/2025 1:46 PM	30:00	5.382 pH	20.15 °C	19.93 µS/cm	6.211 mg/L	1.250 NTU	133.4 mV	22.20 ft	300.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 8/20/2025 1:58:04 PM
Project: Plant Wansley Ash Pond
Operator Name: Hunter Auld

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: 64.8 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 81 ft** **Estimated Total Volume Pumped: 13250 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 15.2 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183949**

Test Notes:
Purged dry (log 2). Allow 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	
8/20/2025 1:58 PM	00:00	7.826 pH	28.45 °C	321.6 µS/cm	3.299 mg/L	37.00 NTU	67.2 mV	64.80 ft	100.0 ml/min
8/20/2025 2:03 PM	05:00	7.845 pH	26.04 °C	315.8 µS/cm	1.425 mg/L	29.10 NTU	46.5 mV	66.00 ft	100.0 ml/min
8/20/2025 2:08 PM	10:00	7.857 pH	26.04 °C	318.9 µS/cm	1.120 mg/L	27.00 NTU	39.7 mV	66.60 ft	100.0 ml/min
8/20/2025 2:13 PM	15:00	7.840 pH	27.12 °C	319.8 µS/cm	1.019 mg/L	25.00 NTU	35.6 mV	67.10 ft	100.0 ml/min
8/20/2025 2:18 PM	20:00	7.850 pH	26.74 °C	319.2 µS/cm	0.981 mg/L	23.20 NTU	24.2 mV	67.60 ft	100.0 ml/min
8/20/2025 2:23 PM	25:00	7.814 pH	29.56 °C	323.6 µS/cm	0.906 mg/L	24.00 NTU	31.4 mV	68.00 ft	100.0 ml/min
8/20/2025 2:28 PM	30:00	7.829 pH	29.48 °C	325.2 µS/cm	0.973 mg/L	33.40 NTU	22.6 mV	68.50 ft	150.0 ml/min
8/20/2025 2:33 PM	35:00	7.846 pH	25.38 °C	329.6 µS/cm	1.338 mg/L	32.00 NTU	30.7 mV	69.30 ft	150.0 ml/min
8/20/2025 2:38 PM	40:00	7.849 pH	24.76 °C	329.2 µS/cm	1.113 mg/L	30.00 NTU	33.1 mV	70.10 ft	150.0 ml/min
8/20/2025 2:43 PM	45:00	7.871 pH	24.05 °C	327.9 µS/cm	1.111 mg/L	23.90 NTU	32.8 mV	71.20 ft	200.0 ml/min
8/20/2025 2:48 PM	50:00	7.879 pH	23.02 °C	323.7 µS/cm	1.126 mg/L	21.00 NTU	34.2 mV	72.00 ft	200.0 ml/min
8/20/2025 2:53 PM	55:00	7.890 pH	23.16 °C	324.4 µS/cm	1.044 mg/L	20.40 NTU	33.8 mV	73.30 ft	200.0 ml/min
8/20/2025 2:58 PM	01:00:00	7.892 pH	23.47 °C	320.7 µS/cm	1.067 mg/L	21.90 NTU	32.7 mV	74.20 ft	200.0 ml/min
8/20/2025 3:03 PM	01:05:00	7.911 pH	22.62 °C	321.6 µS/cm	1.035 mg/L	20.30 NTU	33.2 mV	75.30 ft	200.0 ml/min
8/20/2025 3:08 PM	01:10:00	7.903 pH	22.22 °C	319.0 µS/cm	1.089 mg/L	26.60 NTU	32.1 mV	76.50 ft	200.0 ml/min

8/20/2025 3:13 PM	01:15:00	7.887 pH	22.20 °C	317.6 µS/cm	1.120 mg/L	26.20 NTU	33.0 mV	77.70 ft	200.0 ml/min
8/20/2025 3:18 PM	01:20:00	7.900 pH	22.20 °C	318.1 µS/cm	1.178 mg/L	32.20 NTU	31.3 mV	78.70 ft	200.0 ml/min
8/20/2025 3:23 PM	01:25:00	7.889 pH	22.04 °C	318.5 µS/cm	1.309 mg/L	36.90 NTU	31.7 mV	80.00 ft	200.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/21/2025 9:00:05 AM
Project: Plant Wansley Ash Pond
Operator Name: Hunter Auld

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: 79.43 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 86 ft** **Estimated Total Volume Pumped: 1040 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 80 ml/min** **Final Draw Down: 1.37 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183949**

Test Notes:
Sample time 0913. Cloudy 74. Sampled after 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	
8/21/2025 9:00 AM	00:00	7.593 pH	26.94 °C	395.5 µS/cm	6.985 mg/L	35.00 NTU	191.8 mV	79.43 ft	80.00 ml/min
8/21/2025 9:01 AM	01:00	7.656 pH	25.92 °C	380.6 µS/cm	6.852 mg/L	35.00 NTU	192.1 mV	79.60 ft	80.00 ml/min
8/21/2025 9:02 AM	02:00	7.692 pH	25.09 °C	358.8 µS/cm	6.537 mg/L	33.00 NTU	190.5 mV	79.70 ft	80.00 ml/min
8/21/2025 9:03 AM	03:00	7.715 pH	24.66 °C	349.0 µS/cm	6.010 mg/L	31.90 NTU	190.5 mV	79.90 ft	80.00 ml/min
8/21/2025 9:04 AM	04:00	7.747 pH	24.42 °C	346.6 µS/cm	5.400 mg/L	29.00 NTU	189.2 mV	79.90 ft	80.00 ml/min
8/21/2025 9:05 AM	05:00	7.787 pH	24.18 °C	346.3 µS/cm	4.723 mg/L	27.40 NTU	186.7 mV	80.00 ft	80.00 ml/min
8/21/2025 9:06 AM	06:00	7.817 pH	23.89 °C	343.4 µS/cm	3.770 mg/L	30.70 NTU	186.1 mV	80.10 ft	80.00 ml/min
8/21/2025 9:07 AM	07:00	7.843 pH	23.99 °C	341.4 µS/cm	2.800 mg/L	29.00 NTU	186.8 mV	80.20 ft	80.00 ml/min
8/21/2025 9:08 AM	08:00	7.848 pH	23.77 °C	346.3 µS/cm	2.172 mg/L	27.20 NTU	190.5 mV	80.30 ft	80.00 ml/min
8/21/2025 9:09 AM	09:00	7.877 pH	23.48 °C	344.2 µS/cm	1.847 mg/L	26.00 NTU	188.1 mV	80.40 ft	80.00 ml/min
8/21/2025 9:10 AM	10:00	7.887 pH	23.29 °C	342.0 µS/cm	1.598 mg/L	26.00 NTU	187.0 mV	80.50 ft	80.00 ml/min
8/21/2025 9:11 AM	11:00	7.884 pH	23.09 °C	340.5 µS/cm	1.444 mg/L	25.00 NTU	185.8 mV	80.60 ft	80.00 ml/min
8/21/2025 9:12 AM	12:00	7.900 pH	22.90 °C	339.0 µS/cm	1.331 mg/L	25.00 NTU	186.5 mV	80.60 ft	80.00 ml/min
8/21/2025 9:13 AM	13:00	7.908 pH	22.72 °C	337.4 µS/cm	1.244 mg/L	24.90 NTU	186.7 mV	80.80 ft	80.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 8/20/2025 3:49:09 PM
Project: Plant Wansley Ash Pond
Operator Name: Hunter Auld

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: 22.05 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 37 ft** **Estimated Total Volume Pumped: 4250 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.35 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183949**

Test Notes:
Sample time 1614. Partly cloudy 87. FB-15 here at 1635.

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	
8/20/2025 3:49 PM	00:00	5.670 pH	24.15 °C	71.47 µS/cm	2.091 mg/L	3.300 NTU	150.1 mV	22.05 ft	150.0 ml/min
8/20/2025 3:54 PM	05:00	5.681 pH	23.05 °C	70.59 µS/cm	1.776 mg/L	2.450 NTU	167.9 mV	22.34 ft	150.0 ml/min
8/20/2025 3:59 PM	10:00	5.692 pH	22.25 °C	70.72 µS/cm	1.736 mg/L	1.920 NTU	175.5 mV	22.35 ft	150.0 ml/min
8/20/2025 4:04 PM	15:00	5.699 pH	21.76 °C	71.42 µS/cm	1.746 mg/L	0.980 NTU	175.3 mV	22.40 ft	200.0 ml/min
8/20/2025 4:09 PM	20:00	5.712 pH	21.26 °C	71.33 µS/cm	1.642 mg/L	1.200 NTU	180.8 mV	22.40 ft	200.0 ml/min
8/20/2025 4:14 PM	25:00	5.710 pH	21.23 °C	70.69 µS/cm	1.612 mg/L	1.000 NTU	184.0 mV	22.40 ft	200.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/20/2025 2:32:23 PM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

Location Name: WGWC-32 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 24.41 ft** **Total Depth: 34.41 ft** **Initial Depth to Water: 17.21 ft**	**Pump Type: Peristaltic pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 31 ft** **Estimated Total Volume Pumped: 6 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 7.56 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1179236**

Test Notes:
Sample time 1502. Sunny, 80 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	
8/20/2025 2:32 PM	00:00	5.126 pH	27.76 °C	57.90 µS/cm	4.568 mg/L	5.310 NTU	144.2 mV	17.21 ft	200.0 ml/min
8/20/2025 2:37 PM	05:00	5.054 pH	21.70 °C	61.77 µS/cm	3.199 mg/L	3.070 NTU	138.4 mV	17.62 ft	200.0 ml/min
8/20/2025 2:42 PM	10:00	5.121 pH	21.35 °C	91.64 µS/cm	2.619 mg/L	2.810 NTU	176.7 mV	17.76 ft	200.0 ml/min
8/20/2025 2:47 PM	15:00	5.119 pH	20.80 °C	92.23 µS/cm	2.603 mg/L	1.260 NTU	133.5 mV	17.81 ft	200.0 ml/min
8/20/2025 2:52 PM	20:00	5.122 pH	20.56 °C	90.90 µS/cm	2.586 mg/L	1.130 NTU	131.1 mV	17.84 ft	200.0 ml/min
8/20/2025 2:57 PM	25:00	5.097 pH	20.82 °C	90.99 µS/cm	2.549 mg/L	0.690 NTU	131.6 mV	17.84 ft	200.0 ml/min
8/20/2025 3:02 PM	30:00	5.113 pH	20.64 °C	91.72 µS/cm	2.575 mg/L	0.640 NTU	129.6 mV	17.84 ft	200.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 8/20/2025 2:36:26 PM
Project: Plant Wansley Ash Pond
Operator Name: Taylor Goble

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: 19.12 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 32 ft** **Estimated Total Volume Pumped: 9.6 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 320 ml/min** **Final Draw Down: 1.43 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sampled at 1506. Sunny 87 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	
8/20/2025 2:36 PM	00:00	5.19 pH	26.44 °C	671.13 µS/cm	1.44 mg/L	15.50 NTU	262.0 mV	19.12 ft	320.00 ml/min
8/20/2025 2:41 PM	05:00	5.24 pH	25.97 °C	680.36 µS/cm	0.53 mg/L	13.70 NTU	259.4 mV	19.50 ft	320.00 ml/min
8/20/2025 2:46 PM	10:00	5.17 pH	21.65 °C	666.52 µS/cm	0.35 mg/L	8.82 NTU	265.4 mV	19.88 ft	320.00 ml/min
8/20/2025 2:51 PM	15:00	5.17 pH	21.65 °C	662.46 µS/cm	0.33 mg/L	6.06 NTU	266.0 mV	20.21 ft	320.00 ml/min
8/20/2025 2:56 PM	20:00	5.12 pH	21.05 °C	653.45 µS/cm	0.32 mg/L	4.76 NTU	269.8 mV	20.45 ft	320.00 ml/min
8/20/2025 3:01 PM	25:00	5.15 pH	21.06 °C	648.51 µS/cm	0.31 mg/L	3.50 NTU	268.2 mV	20.50 ft	320.00 ml/min
8/20/2025 3:06 PM	30:00	5.21 pH	21.07 °C	655.59 µS/cm	0.32 mg/L	3.22 NTU	263.0 mV	20.55 ft	320.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/21/2025 2:15:09 PM
Project: Plant Wansley Ash Pond
Operator Name: Taylor Goble

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: 27.43 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 87 ft** **Estimated Total Volume Pumped: 9.5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 210 ml/min** **Final Draw Down: 1.65 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sampled at 1500. Cloudy 86 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	
8/21/2025 2:15 PM	00:00	6.25 pH	34.22 °C	893.37 µS/cm	4.16 mg/L	22.20 NTU	245.8 mV	27.43 ft	210.00 ml/min
8/21/2025 2:20 PM	04:59	6.11 pH	23.98 °C	985.30 µS/cm	1.29 mg/L	16.80 NTU	297.1 mV	28.40 ft	210.00 ml/min
8/21/2025 2:25 PM	09:59	6.07 pH	23.96 °C	990.08 µS/cm	0.92 mg/L	7.18 NTU	357.8 mV	28.75 ft	210.00 ml/min
8/21/2025 2:30 PM	14:59	6.15 pH	23.39 °C	984.15 µS/cm	0.84 mg/L	5.54 NTU	396.5 mV	28.83 ft	210.00 ml/min
8/21/2025 2:35 PM	19:59	6.21 pH	22.75 °C	984.74 µS/cm	0.82 mg/L	4.02 NTU	406.8 mV	28.89 ft	210.00 ml/min
8/21/2025 2:40 PM	24:59	6.21 pH	23.13 °C	976.98 µS/cm	0.82 mg/L	3.57 NTU	413.6 mV	28.96 ft	210.00 ml/min
8/21/2025 2:45 PM	30:01	5.82 pH	22.95 °C	1,022.1 µS/cm	0.58 mg/L	5.05 NTU	425.3 mV	29.02 ft	210.00 ml/min
8/21/2025 2:50 PM	35:03	5.68 pH	23.07 °C	1,078.5 µS/cm	0.31 mg/L	3.65 NTU	430.2 mV	29.08 ft	210.00 ml/min
8/21/2025 2:55 PM	40:03	5.71 pH	22.64 °C	1,110.8 µS/cm	0.22 mg/L	3.46 NTU	427.8 mV	29.08 ft	210.00 ml/min
8/21/2025 3:00 PM	45:03	5.69 pH	23.36 °C	1,127.3 µS/cm	0.18 mg/L	3.33 NTU	436.3 mV	29.08 ft	210.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/25/2025 2:00:11 PM
Project: Plant Wansley Ash Pond
Operator Name: C.Klamke

Location Name: WGWC-34S **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 40 ft** **Total Depth: 50 ft** **Initial Depth to Water: 19.33 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 45 ft** **Estimated Total Volume Pumped: 11.3 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 10.07 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183949**

Test Notes:
Sample time 1515, Sunny 83 degrees, FB-16 done here

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
8/25/2025 2:00 PM	00:00	5.818 pH	26.04 °C	52.28 µS/cm	1.482 mg/L	7.700 NTU	192.6 mV	19.33 ft	150.0 ml/min
8/25/2025 2:05 PM	05:00	5.776 pH	23.10 °C	40.18 µS/cm	0.430 mg/L	2.470 NTU	186.5 mV	20.90 ft	150.0 ml/min
8/25/2025 2:10 PM	10:00	5.715 pH	22.42 °C	37.33 µS/cm	0.261 mg/L	2.970 NTU	181.5 mV	21.96 ft	150.0 ml/min
8/25/2025 2:15 PM	15:00	5.672 pH	22.14 °C	36.19 µS/cm	0.236 mg/L	1.470 NTU	181.1 mV	22.90 ft	150.0 ml/min
8/25/2025 2:20 PM	20:00	5.676 pH	22.52 °C	35.14 µS/cm	0.236 mg/L	8.840 NTU	176.9 mV	23.82 ft	150.0 ml/min
8/25/2025 2:25 PM	25:00	5.655 pH	22.86 °C	34.65 µS/cm	0.239 mg/L	2.790 NTU	176.0 mV	24.63 ft	150.0 ml/min
8/25/2025 2:30 PM	30:00	5.663 pH	22.82 °C	35.13 µS/cm	0.251 mg/L	1.670 NTU	170.9 mV	25.39 ft	150.0 ml/min
8/25/2025 2:35 PM	35:00	5.672 pH	22.83 °C	35.74 µS/cm	0.245 mg/L	3.530 NTU	171.5 mV	26.14 ft	150.0 ml/min
8/25/2025 2:40 PM	40:00	5.677 pH	22.59 °C	36.61 µS/cm	0.249 mg/L	2.370 NTU	169.1 mV	26.80 ft	150.0 ml/min
8/25/2025 2:45 PM	45:00	5.680 pH	23.16 °C	37.80 µS/cm	0.242 mg/L	1.730 NTU	169.2 mV	27.42 ft	150.0 ml/min
8/25/2025 2:50 PM	50:00	5.687 pH	23.41 °C	38.51 µS/cm	0.247 mg/L	2.210 NTU	169.5 mV	27.98 ft	150.0 ml/min
8/25/2025 2:55 PM	55:00	5.695 pH	23.43 °C	39.15 µS/cm	0.268 mg/L	2.770 NTU	171.0 mV	28.47 ft	150.0 ml/min
8/25/2025 3:00 PM	01:00:00	5.692 pH	24.09 °C	39.58 µS/cm	0.280 mg/L	2.320 NTU	173.4 mV	28.85 ft	150.0 ml/min
8/25/2025 3:05 PM	01:05:00	5.698 pH	24.34 °C	39.75 µS/cm	0.298 mg/L	2.820 NTU	173.9 mV	29.19 ft	150.0 ml/min
8/25/2025 3:10 PM	01:10:00	5.698 pH	25.04 °C	40.25 µS/cm	0.311 mg/L	1.630 NTU	175.3 mV	29.31 ft	150.0 ml/min

8/25/2025 3:15 PM	01:15:00	5.695 pH	25.58 °C	40.21 µS/cm	0.331 mg/L	2.510 NTU	176.2 mV	29.40 ft	150.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/26/2025 11:15:10 AM
Project: Plant Wansley Ash Pond
Operator Name: C.Klamke

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: 25.14 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: 27.01 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 225 ml/min** **Final Draw Down: 7.16 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183949**

Test Notes:
Sample time 1140, cloudy 75 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	
8/26/2025 11:15 AM	00:00	6.708 pH	20.45 °C	366.4 µS/cm	0.173 mg/L	3.710 NTU	165.1 mV	31.55 ft	225.0 ml/min
8/26/2025 11:20 AM	05:00	6.705 pH	20.31 °C	365.4 µS/cm	0.204 mg/L	4.210 NTU	164.1 mV	31.76 ft	225.0 ml/min
8/26/2025 11:25 AM	10:00	6.693 pH	20.23 °C	361.3 µS/cm	0.234 mg/L	4.730 NTU	162.9 mV	31.90 ft	225.0 ml/min
8/26/2025 11:30 AM	15:00	6.676 pH	20.47 °C	358.2 µS/cm	0.199 mg/L	2.540 NTU	162.0 mV	32.05 ft	225.0 ml/min
8/26/2025 11:35 AM	20:00	6.651 pH	20.60 °C	356.2 µS/cm	0.236 mg/L	2.580 NTU	161.8 mV	32.19 ft	225.0 ml/min
8/26/2025 11:40 AM	25:00	6.665 pH	20.67 °C	356.5 µS/cm	0.199 mg/L	3.480 NTU	160.1 mV	32.30 ft	225.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/26/2025 2:05:09 PM
Project: Plant Wansley Ash Pond
Operator Name: C.Klamke

Location Name: WGWC-35S **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 50 ft** **Total Depth: 60 ft** **Initial Depth to Water: 19.97 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 55 ft** **Estimated Total Volume Pumped: 39.05 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 15.57 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183949**

Test Notes:
Sample time 1440. Cloudy 79 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	
8/26/2025 2:05 PM	00:00	6.853 pH	21.44 °C	368.6 µS/cm	0.263 mg/L	3.750 NTU	10.6 mV	34.72 ft	150.0 ml/min
8/26/2025 2:10 PM	05:00	6.898 pH	21.06 °C	366.5 µS/cm	0.201 mg/L	4.300 NTU	7.6 mV	34.80 ft	150.0 ml/min
8/26/2025 2:15 PM	10:00	6.941 pH	20.95 °C	367.2 µS/cm	0.192 mg/L	7.860 NTU	7.7 mV	34.86 ft	150.0 ml/min
8/26/2025 2:20 PM	15:00	6.916 pH	20.83 °C	367.5 µS/cm	0.176 mg/L	4.350 NTU	9.2 mV	35.00 ft	150.0 ml/min
8/26/2025 2:25 PM	20:00	6.810 pH	20.81 °C	368.0 µS/cm	0.176 mg/L	3.360 NTU	13.8 mV	35.14 ft	150.0 ml/min
8/26/2025 2:30 PM	25:00	6.741 pH	20.91 °C	368.2 µS/cm	0.181 mg/L	3.100 NTU	18.1 mV	35.29 ft	150.0 ml/min
8/26/2025 2:35 PM	30:00	6.725 pH	20.92 °C	368.6 µS/cm	0.172 mg/L	3.330 NTU	18.1 mV	35.41 ft	150.0 ml/min
8/26/2025 2:40 PM	35:00	6.726 pH	20.91 °C	370.5 µS/cm	0.177 mg/L	2.980 NTU	17.1 mV	35.54 ft	150.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 8/26/2025 4:20:11 PM
Project: Plant Wansley Ash Pond
Operator Name: C.Klamke

Location Name: WGWC-36D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 116 ft** **Total Depth: 126 ft** **Initial Depth to Water: 24.43 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 121 ft** **Estimated Total Volume Pumped: 46.13 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 225 ml/min** **Final Draw Down: 7.85 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183949**

Test Notes:
Sample time 1655, cloudy 79 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	
8/26/2025 4:20 PM	00:00	5.925 pH	20.65 °C	95.32 µS/cm	0.099 mg/L	1.930 NTU	94.4 mV	32.28 ft	225.0 ml/min
8/26/2025 4:25 PM	05:00	5.957 pH	20.04 °C	94.57 µS/cm	0.066 mg/L	1.400 NTU	99.1 mV	32.28 ft	225.0 ml/min
8/26/2025 4:30 PM	10:00	6.001 pH	19.71 °C	93.66 µS/cm	0.062 mg/L	1.190 NTU	97.9 mV	32.28 ft	225.0 ml/min
8/26/2025 4:35 PM	15:00	5.987 pH	19.62 °C	95.66 µS/cm	0.055 mg/L	1.310 NTU	100.7 mV	32.28 ft	225.0 ml/min
8/26/2025 4:40 PM	20:00	5.848 pH	19.57 °C	93.90 µS/cm	0.057 mg/L	1.250 NTU	110.7 mV	32.28 ft	225.0 ml/min
8/26/2025 4:45 PM	25:00	5.806 pH	19.45 °C	94.16 µS/cm	0.058 mg/L	1.440 NTU	115.9 mV	32.28 ft	225.0 ml/min
8/26/2025 4:50 PM	30:00	5.807 pH	19.44 °C	93.91 µS/cm	0.055 mg/L	1.710 NTU	116.7 mV	32.28 ft	225.0 ml/min
8/26/2025 4:55 PM	35:00	5.825 pH	19.33 °C	93.49 µS/cm	0.053 mg/L	2.090 NTU	117.3 mV	32.28 ft	225.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 8/21/2025 10:02:05 AM
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: 50.6 ft** **Total Depth: 60.6 ft** **Initial Depth to Water: 22.67 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: 27 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 50 ml/min** **Final Draw Down: 293.16 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample Time: 1307
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	
8/21/2025 10:02 AM	00:00	6.626 pH	23.44 °C	339.1 µS/cm	3.243 mg/L	84.90 NTU	94.2 mV	22.67 ft	200.0 ml/min
8/21/2025 10:07 AM	05:00	6.522 pH	21.13 °C	340.2 µS/cm	0.660 mg/L	20.70 NTU	60.2 mV	24.20 ft	200.0 ml/min
8/21/2025 10:12 AM	10:00	6.471 pH	20.78 °C	310.6 µS/cm	0.257 mg/L	16.40 NTU	49.4 mV	25.40 ft	200.0 ml/min
8/21/2025 10:17 AM	15:00	6.460 pH	21.15 °C	295.3 µS/cm	0.157 mg/L	11.60 NTU	38.4 mV	26.40 ft	200.0 ml/min
8/21/2025 10:22 AM	20:00	6.431 pH	21.05 °C	295.1 µS/cm	0.118 mg/L	10.20 NTU	29.4 mV	27.60 ft	200.0 ml/min
8/21/2025 10:27 AM	25:00	6.413 pH	20.93 °C	302.7 µS/cm	0.104 mg/L	13.70 NTU	20.9 mV	28.70 ft	200.0 ml/min
8/21/2025 10:32 AM	30:00	6.404 pH	21.13 °C	279.1 µS/cm	0.096 mg/L	13.90 NTU	13.6 mV	29.90 ft	200.0 ml/min
8/21/2025 10:37 AM	35:00	6.399 pH	21.12 °C	281.3 µS/cm	0.093 mg/L	13.10 NTU	7.7 mV	31.20 ft	200.0 ml/min
8/21/2025 10:42 AM	40:00	6.408 pH	21.23 °C	290.1 µS/cm	0.096 mg/L	16.50 NTU	1.5 mV	32.30 ft	200.0 ml/min
8/21/2025 10:47 AM	45:00	6.410 pH	21.33 °C	275.9 µS/cm	0.091 mg/L	13.90 NTU	-2.1 mV	33.30 ft	200.0 ml/min
8/21/2025 10:52 AM	50:00	6.423 pH	21.13 °C	283.3 µS/cm	0.093 mg/L	12.60 NTU	-5.4 mV	34.30 ft	200.0 ml/min
8/21/2025 10:57 AM	55:00	6.444 pH	21.31 °C	272.7 µS/cm	0.093 mg/L	12.20 NTU	-8.0 mV	35.20 ft	200.0 ml/min
8/21/2025 11:02 AM	01:00:00	6.461 pH	21.23 °C	283.8 µS/cm	0.097 mg/L	10.30 NTU	-10.3 mV	36.30 ft	200.0 ml/min
8/21/2025 11:07 AM	01:05:00	6.476 pH	21.35 °C	286.8 µS/cm	0.101 mg/L	9.020 NTU	-13.0 mV	37.30 ft	200.0 ml/min

8/21/2025 11:12 AM	01:10:00	6.504 pH	21.38 °C	283.0 µS/cm	0.106 mg/L	8.850 NTU	-16.2 mV	38.20 ft	200.0 ml/min
8/21/2025 11:17 AM	01:15:00	6.523 pH	21.41 °C	271.7 µS/cm	0.105 mg/L	9.090 NTU	-19.0 mV	39.20 ft	200.0 ml/min
8/21/2025 11:22 AM	01:20:00	6.540 pH	21.57 °C	282.2 µS/cm	0.102 mg/L	8.610 NTU	-20.9 mV	40.10 ft	200.0 ml/min
8/21/2025 11:27 AM	01:25:00	6.547 pH	21.69 °C	273.7 µS/cm	0.106 mg/L	7.900 NTU	-23.1 mV	41.30 ft	200.0 ml/min
8/21/2025 11:32 AM	01:30:00	6.541 pH	21.74 °C	287.4 µS/cm	0.106 mg/L	7.990 NTU	-24.7 mV	41.90 ft	200.0 ml/min
8/21/2025 11:37 AM	01:35:00	6.547 pH	22.18 °C	275.2 µS/cm	0.106 mg/L	7.300 NTU	-26.4 mV	42.80 ft	100.0 ml/min
8/21/2025 11:42 AM	01:40:00	6.533 pH	23.74 °C	288.8 µS/cm	0.124 mg/L	7.380 NTU	-30.5 mV	43.20 ft	100.0 ml/min
8/21/2025 11:47 AM	01:45:00	6.529 pH	24.52 °C	285.6 µS/cm	0.122 mg/L	6.950 NTU	-35.6 mV	43.50 ft	100.0 ml/min
8/21/2025 11:52 AM	01:50:00	6.525 pH	24.30 °C	279.7 µS/cm	0.124 mg/L	6.780 NTU	-37.7 mV	43.80 ft	100.0 ml/min
8/21/2025 11:57 AM	01:55:00	6.522 pH	24.23 °C	302.9 µS/cm	0.123 mg/L	6.090 NTU	-40.2 mV	44.10 ft	100.0 ml/min
8/21/2025 12:02 PM	02:00:00	6.525 pH	24.48 °C	298.3 µS/cm	0.121 mg/L	6.680 NTU	-42.9 mV	44.50 ft	100.0 ml/min
8/21/2025 12:07 PM	02:05:00	6.523 pH	24.37 °C	292.9 µS/cm	0.122 mg/L	5.840 NTU	-44.7 mV	44.80 ft	100.0 ml/min
8/21/2025 12:12 PM	02:10:00	6.522 pH	24.76 °C	289.2 µS/cm	0.119 mg/L	5.640 NTU	-46.5 mV	45.10 ft	100.0 ml/min
8/21/2025 12:17 PM	02:15:00	6.525 pH	24.68 °C	303.0 µS/cm	0.119 mg/L	5.580 NTU	-48.8 mV	45.40 ft	100.0 ml/min
8/21/2025 12:22 PM	02:20:00	6.526 pH	24.55 °C	297.3 µS/cm	0.116 mg/L	5.490 NTU	-50.4 mV	45.70 ft	100.0 ml/min
8/21/2025 12:27 PM	02:25:00	6.526 pH	24.80 °C	293.2 µS/cm	0.114 mg/L	5.050 NTU	-51.6 mV	46.00 ft	100.0 ml/min
8/21/2025 12:32 PM	02:30:00	6.524 pH	24.86 °C	286.3 µS/cm	0.113 mg/L	5.440 NTU	-52.7 mV	46.20 ft	100.0 ml/min
8/21/2025 12:37 PM	02:35:00	6.522 pH	25.11 °C	304.2 µS/cm	0.108 mg/L	5.490 NTU	-53.8 mV	46.50 ft	100.0 ml/min
8/21/2025 12:42 PM	02:40:00	6.523 pH	24.91 °C	299.8 µS/cm	0.108 mg/L	5.180 NTU	-54.2 mV	46.70 ft	100.0 ml/min
8/21/2025 12:47 PM	02:45:00	6.523 pH	24.88 °C	295.8 µS/cm	0.111 mg/L	5.330 NTU	-55.9 mV	47.00 ft	50.00 ml/min
8/21/2025 12:52 PM	02:50:00	6.513 pH	26.61 °C	296.1 µS/cm	0.123 mg/L	4.840 NTU	-59.1 mV	47.10 ft	50.00 ml/min
8/21/2025 12:57 PM	02:55:00	6.507 pH	27.84 °C	295.1 µS/cm	0.146 mg/L	4.260 NTU	-63.4 mV	47.10 ft	50.00 ml/min
8/21/2025 1:02 PM	03:00:00	6.523 pH	28.80 °C	302.5 µS/cm	0.149 mg/L	4.010 NTU	-70.0 mV	47.10 ft	50.00 ml/min
8/21/2025 1:07 PM	03:05:00	6.515 pH	28.63 °C	301.3 µS/cm	0.153 mg/L	3.850 NTU	-72.2 mV	47.10 ft	50.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/27/2025 3:30:06 PM
Project: Plant Wansley Ash Pond
Operator Name: C.Klamke

Location Name: WGWC-37D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 120 ft** **Total Depth: 130 ft** **Initial Depth to Water: 23.67 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 125 ft** **Estimated Total Volume Pumped: 78 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 23.88 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183949**

Test Notes:
Sample time 1600, Sunny 81 degrees, pre purged for turbidity from 0930-1530, FD-10 done here

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
8/27/2025 3:30 PM	00:00	5.998 pH	22.68 °C	355.7 µS/cm	0.192 mg/L	4.170 NTU	14.9 mV	48.32 ft	200.0 ml/min
8/27/2025 3:35 PM	05:00	5.997 pH	22.72 °C	352.9 µS/cm	0.173 mg/L	4.650 NTU	14.5 mV	48.17 ft	200.0 ml/min
8/27/2025 3:40 PM	10:00	5.998 pH	22.78 °C	352.9 µS/cm	0.171 mg/L	3.500 NTU	13.8 mV	47.91 ft	200.0 ml/min
8/27/2025 3:45 PM	15:00	5.993 pH	22.79 °C	354.7 µS/cm	0.172 mg/L	3.940 NTU	13.7 mV	47.82 ft	200.0 ml/min
8/27/2025 3:50 PM	20:00	5.990 pH	22.68 °C	350.2 µS/cm	0.167 mg/L	3.880 NTU	13.5 mV	47.74 ft	200.0 ml/min
8/27/2025 3:55 PM	25:00	5.984 pH	22.79 °C	352.6 µS/cm	0.166 mg/L	3.820 NTU	12.9 mV	47.63 ft	200.0 ml/min
8/27/2025 4:00 PM	30:00	5.982 pH	22.83 °C	354.2 µS/cm	0.161 mg/L	3.620 NTU	12.8 mV	47.55 ft	200.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/21/2025 1:10:04 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: 37 ft** **Total Depth: 47 ft** **Initial Depth to Water: 21.04 ft**	**Pump Type: Peristaltic pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 42 ft** **Estimated Total Volume Pumped: 14.3 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 115 ml/min** **Final Draw Down: 62.88 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1179236**

Test Notes:
Sample time 1510. Sunny, 85 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	
8/21/2025 1:10 PM	00:00	4.857 pH	28.95 °C	1,394 µS/cm	2.488 mg/L	19.00 NTU	87.6 mV	21.04 ft	125.0 ml/min
8/21/2025 1:15 PM	05:00	4.656 pH	23.86 °C	1,574 µS/cm	0.278 mg/L	70.20 NTU	99.7 mV	22.02 ft	125.0 ml/min
8/21/2025 1:20 PM	10:00	4.533 pH	23.95 °C	1,553 µS/cm	0.228 mg/L	20.80 NTU	94.2 mV	23.15 ft	125.0 ml/min
8/21/2025 1:25 PM	15:00	4.480 pH	24.39 °C	1,557 µS/cm	0.274 mg/L	10.70 NTU	98.9 mV	23.22 ft	125.0 ml/min
8/21/2025 1:30 PM	20:00	4.485 pH	24.55 °C	1,524 µS/cm	0.201 mg/L	9.650 NTU	100.8 mV	23.31 ft	125.0 ml/min
8/21/2025 1:35 PM	25:00	4.456 pH	24.14 °C	1,516 µS/cm	0.183 mg/L	12.20 NTU	103.8 mV	23.83 ft	125.0 ml/min
8/21/2025 1:40 PM	30:00	4.451 pH	24.25 °C	1,520 µS/cm	0.175 mg/L	12.60 NTU	105.8 mV	24.22 ft	125.0 ml/min
8/21/2025 1:45 PM	35:00	4.460 pH	23.85 °C	1,517 µS/cm	0.153 mg/L	12.80 NTU	107.4 mV	24.41 ft	125.0 ml/min
8/21/2025 1:50 PM	40:00	4.446 pH	23.81 °C	1,512 µS/cm	0.150 mg/L	10.60 NTU	110.2 mV	24.97 ft	125.0 ml/min
8/21/2025 1:55 PM	45:00	4.412 pH	24.39 °C	1,469 µS/cm	0.143 mg/L	11.00 NTU	115.5 mV	25.14 ft	125.0 ml/min
8/21/2025 2:00 PM	50:00	4.397 pH	24.41 °C	1,435 µS/cm	0.168 mg/L	8.580 NTU	121.5 mV	25.43 ft	115.0 ml/min
8/21/2025 2:05 PM	55:00	4.362 pH	25.30 °C	1,409 µS/cm	0.230 mg/L	8.750 NTU	128.4 mV	25.47 ft	115.0 ml/min
8/21/2025 2:10 PM	01:00:00	4.337 pH	25.86 °C	1,380 µS/cm	0.265 mg/L	8.280 NTU	137.9 mV	25.51 ft	115.0 ml/min
8/21/2025 2:15 PM	01:05:00	4.315 pH	25.90 °C	1,361 µS/cm	0.323 mg/L	8.800 NTU	144.9 mV	25.56 ft	115.0 ml/min
8/21/2025 2:20 PM	01:10:00	4.298 pH	25.71 °C	1,337 µS/cm	0.351 mg/L	8.020 NTU	150.2 mV	25.62 ft	115.0 ml/min

8/21/2025 2:25 PM	01:15:00	4.278 pH	25.42 °C	1,300 µS/cm	0.410 mg/L	7.830 NTU	157.2 mV	25.87 ft	115.0 ml/min
8/21/2025 2:30 PM	01:20:00	4.254 pH	25.68 °C	1,283 µS/cm	0.527 mg/L	5.370 NTU	166.7 mV	25.91 ft	115.0 ml/min
8/21/2025 2:35 PM	01:25:00	4.241 pH	25.80 °C	1,277 µS/cm	0.591 mg/L	5.580 NTU	171.7 mV	26.02 ft	115.0 ml/min
8/21/2025 2:40 PM	01:30:00	4.228 pH	26.29 °C	1,279 µS/cm	0.653 mg/L	7.050 NTU	173.9 mV	26.09 ft	115.0 ml/min
8/21/2025 2:45 PM	01:35:00	4.222 pH	26.72 °C	1,278 µS/cm	0.699 mg/L	17.70 NTU	179.8 mV	26.13 ft	115.0 ml/min
8/21/2025 2:50 PM	01:40:00	4.219 pH	27.01 °C	1,277 µS/cm	0.724 mg/L	10.90 NTU	180.8 mV	26.18 ft	115.0 ml/min
8/21/2025 2:55 PM	01:45:00	4.213 pH	27.04 °C	1,271 µS/cm	0.754 mg/L	8.200 NTU	184.4 mV	26.21 ft	115.0 ml/min
8/21/2025 3:00 PM	01:50:00	4.210 pH	26.72 °C	1,264 µS/cm	0.748 mg/L	4.720 NTU	186.7 mV	26.23 ft	115.0 ml/min
8/21/2025 3:05 PM	01:55:00	4.207 pH	27.13 °C	1,263 µS/cm	0.751 mg/L	4.790 NTU	188.5 mV	26.26 ft	115.0 ml/min
8/21/2025 3:10 PM	02:00:00	4.213 pH	26.44 °C	1,255 µS/cm	0.767 mg/L	4.680 NTU	189.4 mV	26.28 ft	115.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 8/20/2025 4:24:59 PM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

Location Name: WGWC-38D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 79.03 ft** **Total Depth: 89.03 ft** **Initial Depth to Water: 26.32 ft**	**Pump Type: Peristaltic pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 84 ft** **Estimated Total Volume Pumped: 5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 2.88 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1179236**

Test Notes:
Sample time 1650. 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	+/- 0.3	
8/20/2025 4:24 PM	00:00	4.813 pH	28.85 °C	2,899 µS/cm	1.514 mg/L	4.980 NTU	102.8 mV	26.32 ft	200.0 ml/min
8/20/2025 4:29 PM	05:00	5.102 pH	25.27 °C	2,903 µS/cm	0.251 mg/L	7.670 NTU	110.8 mV	26.48 ft	200.0 ml/min
8/20/2025 4:34 PM	10:00	5.138 pH	25.45 °C	2,890 µS/cm	0.158 mg/L	4.970 NTU	94.5 mV	26.50 ft	200.0 ml/min
8/20/2025 4:39 PM	15:00	5.143 pH	24.97 °C	2,901 µS/cm	0.137 mg/L	4.620 NTU	92.1 mV	26.53 ft	200.0 ml/min
8/20/2025 4:44 PM	20:00	5.166 pH	25.03 °C	2,886 µS/cm	0.126 mg/L	4.340 NTU	90.2 mV	26.55 ft	200.0 ml/min
8/20/2025 4:49 PM	25:00	5.189 pH	25.08 °C	2,879 µS/cm	0.121 mg/L	3.840 NTU	88.6 mV	26.56 ft	200.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/21/2025 9:03:03 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: 49.45 ft** **Total Depth: 59.45 ft** **Initial Depth to Water: 22.84 ft**	**Pump Type: Peristaltic pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 54 ft** **Estimated Total Volume Pumped: 24 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 53.04 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1179236**

Test Notes:
Sample time 1133. Sunny, 80 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	
8/21/2025 9:03 AM	00:00	6.031 pH	24.54 °C	303.9 µS/cm	4.180 mg/L	16.70 NTU	1.9 mV	22.84 ft	200.0 ml/min
8/21/2025 9:08 AM	05:00	6.139 pH	21.75 °C	423.7 µS/cm	0.244 mg/L	21.80 NTU	-33.7 mV	23.92 ft	200.0 ml/min
8/21/2025 9:13 AM	10:00	6.067 pH	21.85 °C	337.7 µS/cm	0.238 mg/L	28.60 NTU	-12.8 mV	24.50 ft	200.0 ml/min
8/21/2025 9:18 AM	15:00	6.074 pH	22.03 °C	334.3 µS/cm	0.253 mg/L	22.20 NTU	-14.0 mV	24.81 ft	200.0 ml/min
8/21/2025 9:23 AM	20:00	6.075 pH	22.11 °C	331.8 µS/cm	0.258 mg/L	24.80 NTU	-14.8 mV	25.11 ft	175.0 ml/min
8/21/2025 9:28 AM	25:00	6.074 pH	22.14 °C	332.5 µS/cm	0.250 mg/L	23.10 NTU	-15.6 mV	25.35 ft	175.0 ml/min
8/21/2025 9:33 AM	30:00	6.076 pH	22.24 °C	332.9 µS/cm	0.240 mg/L	16.70 NTU	-16.9 mV	25.62 ft	175.0 ml/min
8/21/2025 9:38 AM	35:00	6.076 pH	22.30 °C	332.5 µS/cm	0.228 mg/L	16.40 NTU	-18.1 mV	25.81 ft	175.0 ml/min
8/21/2025 9:43 AM	40:00	6.077 pH	22.34 °C	331.1 µS/cm	0.222 mg/L	13.20 NTU	-19.2 mV	26.03 ft	150.0 ml/min
8/21/2025 9:48 AM	45:00	6.080 pH	22.34 °C	327.7 µS/cm	0.226 mg/L	13.10 NTU	-25.1 mV	26.12 ft	150.0 ml/min
8/21/2025 9:53 AM	50:00	6.086 pH	22.35 °C	315.9 µS/cm	0.248 mg/L	11.40 NTU	-20.3 mV	26.25 ft	150.0 ml/min
8/21/2025 9:58 AM	55:00	6.100 pH	22.34 °C	305.9 µS/cm	0.341 mg/L	12.10 NTU	-21.8 mV	26.44 ft	150.0 ml/min
8/21/2025 10:03 AM	01:00:00	6.107 pH	22.24 °C	312.9 µS/cm	0.427 mg/L	11.50 NTU	-23.2 mV	26.60 ft	150.0 ml/min
8/21/2025 10:08 AM	01:05:00	6.108 pH	22.17 °C	320.0 µS/cm	0.470 mg/L	9.820 NTU	-24.5 mV	26.72 ft	150.0 ml/min
8/21/2025 10:13 AM	01:10:00	6.118 pH	22.20 °C	328.0 µS/cm	0.482 mg/L	9.710 NTU	-26.9 mV	26.77 ft	150.0 ml/min

8/21/2025 10:18 AM	01:15:00	6.123 pH	22.33 °C	339.1 µS/cm	0.482 mg/L	9.410 NTU	-29.5 mV	26.84 ft	150.0 ml/min
8/21/2025 10:23 AM	01:20:00	6.124 pH	22.41 °C	345.7 µS/cm	0.474 mg/L	9.130 NTU	-30.8 mV	26.93 ft	150.0 ml/min
8/21/2025 10:28 AM	01:25:00	6.131 pH	22.63 °C	349.7 µS/cm	0.465 mg/L	8.110 NTU	-32.9 mV	26.98 ft	150.0 ml/min
8/21/2025 10:33 AM	01:30:00	6.133 pH	22.73 °C	356.2 µS/cm	0.457 mg/L	8.570 NTU	-34.3 mV	27.02 ft	150.0 ml/min
8/21/2025 10:38 AM	01:35:00	6.131 pH	22.73 °C	358.9 µS/cm	0.442 mg/L	8.650 NTU	-35.2 mV	27.05 ft	150.0 ml/min
8/21/2025 10:43 AM	01:40:00	6.131 pH	22.90 °C	367.9 µS/cm	0.413 mg/L	8.390 NTU	-37.1 mV	27.05 ft	150.0 ml/min
8/21/2025 10:48 AM	01:45:00	6.132 pH	22.99 °C	371.4 µS/cm	0.401 mg/L	7.930 NTU	-38.6 mV	27.09 ft	150.0 ml/min
8/21/2025 10:53 AM	01:50:00	6.128 pH	23.11 °C	378.2 µS/cm	0.379 mg/L	7.590 NTU	-39.6 mV	27.15 ft	150.0 ml/min
8/21/2025 10:58 AM	01:55:00	6.132 pH	23.15 °C	382.1 µS/cm	0.364 mg/L	6.200 NTU	-41.1 mV	27.17 ft	150.0 ml/min
8/21/2025 11:03 AM	02:00:00	6.138 pH	23.07 °C	386.3 µS/cm	0.354 mg/L	6.070 NTU	-42.0 mV	27.20 ft	150.0 ml/min
8/21/2025 11:08 AM	02:05:00	6.141 pH	23.06 °C	390.5 µS/cm	0.338 mg/L	6.330 NTU	-43.7 mV	27.21 ft	150.0 ml/min
8/21/2025 11:13 AM	02:10:00	6.146 pH	23.19 °C	394.0 µS/cm	0.324 mg/L	5.960 NTU	-44.6 mV	27.22 ft	150.0 ml/min
8/21/2025 11:18 AM	02:15:00	6.145 pH	23.21 °C	398.7 µS/cm	0.310 mg/L	5.670 NTU	-45.8 mV	27.23 ft	150.0 ml/min
8/21/2025 11:23 AM	02:20:00	6.147 pH	23.32 °C	404.7 µS/cm	0.295 mg/L	4.820 NTU	-47.3 mV	27.24 ft	150.0 ml/min
8/21/2025 11:28 AM	02:25:00	6.144 pH	23.41 °C	410.9 µS/cm	0.286 mg/L	4.550 NTU	-48.4 mV	27.25 ft	150.0 ml/min
8/21/2025 11:33 AM	02:30:00	6.144 pH	23.54 °C	412.4 µS/cm	0.273 mg/L	4.120 NTU	-49.5 mV	27.26 ft	150.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 8/21/2025 9:11:18 AM
Project: Plant Wansley Ash Pond
Operator Name: Taylor Goble

Location Name: WGWC-39 **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: 29.02 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 36 ft** **Estimated Total Volume Pumped: 9 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 50 ml/min** **Final Draw Down: 1.93 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sampled at 1211. Sunny 82 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	
8/21/2025 9:11 AM	00:00	4.89 pH	23.98 °C	73.49 µS/cm	8.00 mg/L	122.00 NTU	243.3 mV	29.02 ft	50.00 ml/min
8/21/2025 9:16 AM	05:00	4.65 pH	23.31 °C	52.77 µS/cm	7.09 mg/L	115.00 NTU	242.2 mV	29.60 ft	50.00 ml/min
8/21/2025 9:21 AM	10:00	4.60 pH	23.08 °C	49.13 µS/cm	6.71 mg/L	108.00 NTU	232.5 mV	29.77 ft	50.00 ml/min
8/21/2025 9:26 AM	15:00	4.57 pH	23.09 °C	46.08 µS/cm	6.59 mg/L	77.60 NTU	246.3 mV	29.92 ft	50.00 ml/min
8/21/2025 9:31 AM	20:00	4.60 pH	23.00 °C	45.48 µS/cm	6.51 mg/L	72.30 NTU	246.9 mV	30.01 ft	50.00 ml/min
8/21/2025 9:36 AM	25:00	4.65 pH	22.95 °C	44.89 µS/cm	6.46 mg/L	55.70 NTU	251.6 mV	30.09 ft	50.00 ml/min
8/21/2025 9:41 AM	30:00	4.67 pH	22.94 °C	44.69 µS/cm	6.42 mg/L	41.70 NTU	257.8 mV	30.22 ft	50.00 ml/min
8/21/2025 9:46 AM	35:00	4.68 pH	23.01 °C	44.33 µS/cm	6.39 mg/L	35.10 NTU	261.3 mV	30.33 ft	50.00 ml/min
8/21/2025 9:51 AM	40:00	4.70 pH	23.04 °C	44.52 µS/cm	6.36 mg/L	28.10 NTU	264.8 mV	30.43 ft	50.00 ml/min
8/21/2025 9:56 AM	45:00	4.71 pH	23.12 °C	43.75 µS/cm	6.32 mg/L	26.80 NTU	270.8 mV	30.49 ft	50.00 ml/min
8/21/2025 10:01 AM	50:00	4.72 pH	23.20 °C	43.79 µS/cm	6.30 mg/L	23.50 NTU	274.1 mV	30.57 ft	50.00 ml/min
8/21/2025 10:06 AM	55:00	4.67 pH	23.22 °C	43.69 µS/cm	6.29 mg/L	21.70 NTU	281.5 mV	30.65 ft	50.00 ml/min
8/21/2025 10:11 AM	01:00:00	4.64 pH	23.18 °C	43.26 µS/cm	6.21 mg/L	21.10 NTU	286.0 mV	30.72 ft	50.00 ml/min
8/21/2025 10:16 AM	01:05:00	4.67 pH	23.28 °C	42.84 µS/cm	6.22 mg/L	20.50 NTU	286.5 mV	30.78 ft	50.00 ml/min
8/21/2025 10:21 AM	01:10:00	4.71 pH	23.98 °C	43.08 µS/cm	6.24 mg/L	22.20 NTU	288.1 mV	30.82 ft	50.00 ml/min

8/21/2025 10:26 AM	01:15:00	4.72 pH	24.57 °C	42.86 µS/cm	6.30 mg/L	22.70 NTU	289.0 mV	30.86 ft	50.00 ml/min
8/21/2025 10:31 AM	01:20:00	4.74 pH	25.16 °C	43.07 µS/cm	6.29 mg/L	19.80 NTU	291.7 mV	30.90 ft	50.00 ml/min
8/21/2025 10:36 AM	01:25:00	4.74 pH	25.16 °C	42.98 µS/cm	6.26 mg/L	19.10 NTU	293.3 mV	30.92 ft	50.00 ml/min
8/21/2025 10:41 AM	01:30:00	4.75 pH	25.13 °C	43.06 µS/cm	6.24 mg/L	16.20 NTU	294.4 mV	30.94 ft	50.00 ml/min
8/21/2025 10:46 AM	01:35:00	4.75 pH	25.13 °C	43.00 µS/cm	6.26 mg/L	15.70 NTU	295.9 mV	30.95 ft	50.00 ml/min
8/21/2025 10:51 AM	01:40:00	4.75 pH	25.00 °C	42.91 µS/cm	6.24 mg/L	15.20 NTU	297.3 mV	30.95 ft	50.00 ml/min
8/21/2025 10:56 AM	01:45:00	4.76 pH	25.05 °C	42.90 µS/cm	6.22 mg/L	15.80 NTU	299.0 mV	30.95 ft	50.00 ml/min
8/21/2025 11:01 AM	01:50:00	4.76 pH	25.13 °C	42.87 µS/cm	6.19 mg/L	12.00 NTU	300.9 mV	30.95 ft	50.00 ml/min
8/21/2025 11:06 AM	01:55:00	4.76 pH	25.24 °C	42.85 µS/cm	6.16 mg/L	11.50 NTU	301.3 mV	30.95 ft	50.00 ml/min
8/21/2025 11:11 AM	02:00:00	4.76 pH	25.36 °C	42.78 µS/cm	6.19 mg/L	11.30 NTU	302.3 mV	30.95 ft	50.00 ml/min
8/21/2025 11:16 AM	02:05:00	4.76 pH	25.52 °C	42.77 µS/cm	6.18 mg/L	11.10 NTU	303.8 mV	30.95 ft	50.00 ml/min
8/21/2025 11:21 AM	02:10:00	4.75 pH	25.72 °C	42.74 µS/cm	6.17 mg/L	10.90 NTU	305.5 mV	30.95 ft	50.00 ml/min
8/21/2025 11:26 AM	02:15:00	4.76 pH	25.81 °C	42.67 µS/cm	6.19 mg/L	10.50 NTU	305.4 mV	30.95 ft	50.00 ml/min
8/21/2025 11:31 AM	02:20:00	4.75 pH	25.95 °C	42.72 µS/cm	6.17 mg/L	10.40 NTU	307.0 mV	30.95 ft	50.00 ml/min
8/21/2025 11:36 AM	02:25:00	4.75 pH	26.15 °C	42.63 µS/cm	6.13 mg/L	10.10 NTU	307.1 mV	30.95 ft	50.00 ml/min
8/21/2025 11:41 AM	02:30:00	4.75 pH	26.79 °C	42.77 µS/cm	6.10 mg/L	9.65 NTU	308.7 mV	30.95 ft	50.00 ml/min
8/21/2025 11:46 AM	02:35:00	4.74 pH	27.61 °C	42.83 µS/cm	6.10 mg/L	8.78 NTU	308.8 mV	30.95 ft	50.00 ml/min
8/21/2025 11:51 AM	02:40:00	4.74 pH	28.16 °C	42.72 µS/cm	6.09 mg/L	8.25 NTU	309.2 mV	30.95 ft	50.00 ml/min
8/21/2025 11:56 AM	02:45:00	4.74 pH	28.79 °C	42.70 µS/cm	6.00 mg/L	8.11 NTU	310.1 mV	30.95 ft	50.00 ml/min
8/21/2025 12:01 PM	02:50:00	4.74 pH	29.06 °C	42.72 µS/cm	6.03 mg/L	7.66 NTU	309.8 mV	30.95 ft	50.00 ml/min
8/21/2025 12:06 PM	02:55:00	4.73 pH	29.46 °C	42.71 µS/cm	6.07 mg/L	7.41 NTU	311.7 mV	30.95 ft	50.00 ml/min
8/21/2025 12:11 PM	03:00:00	4.72 pH	29.70 °C	42.71 µS/cm	6.14 mg/L	7.22 NTU	313.0 mV	30.95 ft	50.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 8/20/2025 12:16:03 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: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 45.78 ft** **Estimated Total Volume Pumped: 35 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 40.56 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample Time: 1511
Sunny, 90s

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	
8/20/2025 12:16 PM	00:00	5.668 pH	24.07 °C	72.96 µS/cm	5.250 mg/L	181.0 NTU	165.4 mV	26.12 ft	200.0 ml/min
8/20/2025 12:21 PM	05:00	5.186 pH	22.42 °C	51.83 µS/cm	2.654 mg/L	69.60 NTU	157.0 mV	27.20 ft	200.0 ml/min
8/20/2025 12:26 PM	10:00	5.329 pH	22.39 °C	56.48 µS/cm	2.381 mg/L	58.60 NTU	155.0 mV	28.30 ft	200.0 ml/min
8/20/2025 12:31 PM	15:00	5.412 pH	22.56 °C	59.68 µS/cm	2.323 mg/L	46.50 NTU	154.9 mV	28.80 ft	200.0 ml/min
8/20/2025 12:36 PM	20:00	5.421 pH	23.29 °C	53.88 µS/cm	2.246 mg/L	35.60 NTU	155.2 mV	29.00 ft	200.0 ml/min
8/20/2025 12:41 PM	25:00	5.416 pH	23.01 °C	56.59 µS/cm	2.189 mg/L	28.70 NTU	156.0 mV	29.20 ft	200.0 ml/min
8/20/2025 12:46 PM	30:00	5.398 pH	23.13 °C	54.50 µS/cm	2.212 mg/L	18.80 NTU	157.1 mV	29.30 ft	200.0 ml/min
8/20/2025 12:51 PM	35:00	5.395 pH	23.86 °C	56.18 µS/cm	2.224 mg/L	20.60 NTU	158.0 mV	29.30 ft	200.0 ml/min
8/20/2025 12:56 PM	40:00	5.414 pH	23.60 °C	55.93 µS/cm	2.190 mg/L	18.00 NTU	159.7 mV	29.40 ft	200.0 ml/min
8/20/2025 1:01 PM	45:00	5.296 pH	23.01 °C	49.24 µS/cm	2.258 mg/L	13.70 NTU	162.5 mV	29.40 ft	200.0 ml/min
8/20/2025 1:06 PM	50:00	5.306 pH	22.93 °C	50.87 µS/cm	2.216 mg/L	15.30 NTU	163.6 mV	29.50 ft	200.0 ml/min
8/20/2025 1:11 PM	55:00	5.294 pH	22.44 °C	50.92 µS/cm	2.243 mg/L	11.00 NTU	165.3 mV	29.50 ft	200.0 ml/min
8/20/2025 1:16 PM	01:00:00	5.280 pH	23.02 °C	50.20 µS/cm	2.151 mg/L	11.90 NTU	166.4 mV	29.50 ft	200.0 ml/min
8/20/2025 1:21 PM	01:05:00	5.262 pH	23.00 °C	48.01 µS/cm	2.161 mg/L	10.40 NTU	167.9 mV	29.50 ft	200.0 ml/min

8/20/2025 1:26 PM	01:10:00	5.237 pH	23.74 °C	48.91 µS/cm	2.185 mg/L	9.320 NTU	169.3 mV	29.50 ft	200.0 ml/min
8/20/2025 1:31 PM	01:15:00	5.215 pH	24.46 °C	48.21 µS/cm	2.108 mg/L	8.060 NTU	171.1 mV	29.50 ft	200.0 ml/min
8/20/2025 1:36 PM	01:20:00	5.192 pH	24.59 °C	48.96 µS/cm	2.085 mg/L	8.870 NTU	173.2 mV	29.50 ft	200.0 ml/min
8/20/2025 1:41 PM	01:25:00	5.174 pH	24.82 °C	48.16 µS/cm	2.059 mg/L	8.770 NTU	174.8 mV	29.50 ft	200.0 ml/min
8/20/2025 1:46 PM	01:30:00	5.169 pH	24.66 °C	47.23 µS/cm	2.048 mg/L	7.190 NTU	177.1 mV	29.50 ft	200.0 ml/min
8/20/2025 1:51 PM	01:35:00	5.158 pH	25.09 °C	47.38 µS/cm	2.084 mg/L	6.200 NTU	178.7 mV	29.50 ft	200.0 ml/min
8/20/2025 1:56 PM	01:40:00	5.133 pH	25.34 °C	47.24 µS/cm	2.028 mg/L	6.890 NTU	180.1 mV	29.50 ft	200.0 ml/min
8/20/2025 2:01 PM	01:45:00	5.094 pH	25.01 °C	47.55 µS/cm	2.051 mg/L	6.920 NTU	182.5 mV	29.50 ft	200.0 ml/min
8/20/2025 2:06 PM	01:50:00	5.088 pH	24.75 °C	43.51 µS/cm	2.023 mg/L	7.170 NTU	184.1 mV	29.50 ft	200.0 ml/min
8/20/2025 2:11 PM	01:55:00	5.071 pH	25.34 °C	45.85 µS/cm	1.936 mg/L	7.620 NTU	186.2 mV	29.50 ft	200.0 ml/min
8/20/2025 2:16 PM	02:00:00	4.961 pH	25.12 °C	44.30 µS/cm	1.969 mg/L	34.80 NTU	188.7 mV	29.50 ft	200.0 ml/min
8/20/2025 2:21 PM	02:05:00	4.959 pH	25.30 °C	43.30 µS/cm	1.821 mg/L	11.60 NTU	189.9 mV	29.50 ft	200.0 ml/min
8/20/2025 2:26 PM	02:10:00	4.951 pH	25.41 °C	45.27 µS/cm	1.803 mg/L	9.150 NTU	193.0 mV	29.50 ft	200.0 ml/min
8/20/2025 2:31 PM	02:15:00	4.949 pH	25.44 °C	46.02 µS/cm	1.840 mg/L	8.990 NTU	195.6 mV	29.50 ft	200.0 ml/min
8/20/2025 2:36 PM	02:20:00	4.959 pH	25.58 °C	45.37 µS/cm	1.915 mg/L	7.820 NTU	197.9 mV	29.50 ft	200.0 ml/min
8/20/2025 2:41 PM	02:25:00	4.975 pH	25.83 °C	46.17 µS/cm	1.907 mg/L	6.960 NTU	199.6 mV	29.50 ft	200.0 ml/min
8/20/2025 2:46 PM	02:30:00	4.990 pH	25.60 °C	46.04 µS/cm	1.902 mg/L	6.440 NTU	201.5 mV	29.50 ft	200.0 ml/min
8/20/2025 2:51 PM	02:35:00	5.005 pH	25.98 °C	46.31 µS/cm	1.919 mg/L	5.980 NTU	203.1 mV	29.50 ft	200.0 ml/min
8/20/2025 2:56 PM	02:40:00	5.013 pH	25.47 °C	47.11 µS/cm	1.901 mg/L	5.770 NTU	205.1 mV	29.50 ft	200.0 ml/min
8/20/2025 3:01 PM	02:45:00	5.011 pH	25.84 °C	46.77 µS/cm	1.829 mg/L	6.030 NTU	207.0 mV	29.50 ft	200.0 ml/min
8/20/2025 3:06 PM	02:50:00	5.005 pH	25.48 °C	47.12 µS/cm	1.880 mg/L	5.170 NTU	208.8 mV	29.50 ft	200.0 ml/min
8/20/2025 3:11 PM	02:55:00	5.004 pH	26.00 °C	47.30 µS/cm	1.807 mg/L	4.490 NTU	210.5 mV	29.50 ft	200.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 8/20/2025 10:16:19 AM
Project: Plant Wansley Ash Pond
Operator Name: J. May

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: 28.68 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 31 ft** **Estimated Total Volume Pumped: 3 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 21.84 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

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	+/- 0.3	
8/20/2025 10:16 AM	00:00	5.392 pH	23.42 °C	112.1 µS/cm	6.030 mg/L	1.610 NTU	174.7 mV	28.68 ft	100.0 ml/min
8/20/2025 10:21 AM	05:00	5.338 pH	21.09 °C	112.5 µS/cm	4.878 mg/L	0.950 NTU	178.1 mV	29.20 ft	100.0 ml/min
8/20/2025 10:26 AM	10:00	5.302 pH	21.10 °C	112.7 µS/cm	4.801 mg/L	0.900 NTU	180.9 mV	29.40 ft	100.0 ml/min
8/20/2025 10:31 AM	15:00	5.282 pH	21.03 °C	113.0 µS/cm	4.610 mg/L	0.870 NTU	183.0 mV	29.70 ft	100.0 ml/min
8/20/2025 10:36 AM	20:00	5.273 pH	21.03 °C	113.0 µS/cm	4.354 mg/L	0.940 NTU	185.4 mV	29.90 ft	100.0 ml/min
8/20/2025 10:41 AM	25:00	5.280 pH	21.06 °C	115.4 µS/cm	4.294 mg/L	0.930 NTU	187.4 mV	30.20 ft	100.0 ml/min
8/20/2025 10:46 AM	30:00	5.281 pH	21.04 °C	116.5 µS/cm	4.459 mg/L	0.970 NTU	188.5 mV	30.50 ft	100.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/21/2025 9:03:06 AM
Project: Plant Wansley Ash Pond
Operator Name: J. May

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: 29.37 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 31 ft** **Estimated Total Volume Pumped: 0.4 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 5.16 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample Time: 0907. Purged dry 8/20.
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	
8/21/2025 9:03 AM	00:00	5.307 pH	24.06 °C	227.8 µS/cm	6.386 mg/L	13.20 NTU	184.7 mV	29.37 ft	100.0 ml/min
8/21/2025 9:04 AM	01:00	5.357 pH	22.66 °C	148.5 µS/cm	5.624 mg/L	4.740 NTU	182.0 mV	29.70 ft	100.0 ml/min
8/21/2025 9:05 AM	02:00	5.411 pH	21.69 °C	121.4 µS/cm	6.102 mg/L	3.460 NTU	182.8 mV	29.70 ft	100.0 ml/min
8/21/2025 9:06 AM	03:00	5.444 pH	21.31 °C	117.6 µS/cm	6.591 mg/L	2.570 NTU	179.8 mV	29.80 ft	100.0 ml/min
8/21/2025 9:07 AM	04:00	5.446 pH	21.18 °C	118.5 µS/cm	6.878 mg/L	1.970 NTU	181.3 mV	29.80 ft	100.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 8/20/2025 9:03:17 AM
Project: Plant Wansley Ash Pond
Operator Name: J. May

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: 17.91 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: 7.5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 300 ml/min** **Final Draw Down: 28.68 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample Time: 0928
Overcast, 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	
8/20/2025 9:03 AM	00:00	5.092 pH	20.45 °C	48.68 µS/cm	4.721 mg/L	5.470 NTU	206.3 mV	17.91 ft	300.0 ml/min
8/20/2025 9:08 AM	05:00	5.098 pH	19.83 °C	46.30 µS/cm	4.649 mg/L	2.440 NTU	187.5 mV	19.60 ft	300.0 ml/min
8/20/2025 9:13 AM	10:00	5.058 pH	19.85 °C	46.13 µS/cm	4.613 mg/L	2.600 NTU	183.9 mV	20.00 ft	300.0 ml/min
8/20/2025 9:18 AM	15:00	5.072 pH	19.62 °C	44.95 µS/cm	4.578 mg/L	2.110 NTU	181.3 mV	20.20 ft	300.0 ml/min
8/20/2025 9:23 AM	20:00	5.074 pH	19.68 °C	44.25 µS/cm	4.543 mg/L	2.170 NTU	178.8 mV	20.30 ft	300.0 ml/min
8/20/2025 9:28 AM	25:00	5.073 pH	19.82 °C	44.71 µS/cm	4.523 mg/L	1.880 NTU	179.3 mV	20.30 ft	300.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 11/13/2025 5:10:13 PM
Project: Plant Wansley Ash Pond
Operator Name: C.Klamke

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: 23.69 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: 20 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 16.32 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 1800. FD-10 here. Sunny, 58 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	
11/13/2025 5:10 PM	00:00	5.223 pH	18.68 °C	32.92 µS/cm	7.126 mg/L	17.30 NTU	210.4 mV	23.69 ft	400.0 ml/min
11/13/2025 5:15 PM	05:00	5.291 pH	17.80 °C	24.44 µS/cm	7.052 mg/L	13.00 NTU	200.4 mV	24.27 ft	400.0 ml/min
11/13/2025 5:20 PM	10:00	5.263 pH	17.62 °C	23.05 µS/cm	7.169 mg/L	27.40 NTU	195.9 mV	24.48 ft	400.0 ml/min
11/13/2025 5:25 PM	15:00	5.313 pH	17.50 °C	22.25 µS/cm	7.236 mg/L	18.70 NTU	181.4 mV	24.68 ft	400.0 ml/min
11/13/2025 5:30 PM	20:00	5.342 pH	17.42 °C	24.83 µS/cm	7.277 mg/L	13.20 NTU	186.9 mV	24.82 ft	400.0 ml/min
11/13/2025 5:35 PM	25:00	5.371 pH	17.31 °C	24.41 µS/cm	7.179 mg/L	8.910 NTU	192.6 mV	24.91 ft	400.0 ml/min
11/13/2025 5:40 PM	30:00	5.411 pH	17.26 °C	24.25 µS/cm	7.123 mg/L	8.150 NTU	197.6 mV	24.96 ft	400.0 ml/min
11/13/2025 5:45 PM	35:00	5.450 pH	17.15 °C	24.30 µS/cm	7.086 mg/L	6.470 NTU	201.8 mV	25.00 ft	400.0 ml/min
11/13/2025 5:50 PM	40:00	5.469 pH	17.15 °C	24.06 µS/cm	7.071 mg/L	6.490 NTU	206.3 mV	25.02 ft	400.0 ml/min
11/13/2025 5:55 PM	45:00	5.481 pH	17.06 °C	23.76 µS/cm	7.075 mg/L	5.530 NTU	210.8 mV	25.04 ft	400.0 ml/min
11/13/2025 6:00 PM	50:00	5.515 pH	17.05 °C	23.68 µS/cm	7.083 mg/L	4.770 NTU	214.3 mV	25.05 ft	400.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 11/11/2025 12:26:18 PM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

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: 47.4 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: 28 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 398.4 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Well purging dry. Allow for overnight recharge. 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	
11/11/2025 12:26 PM	00:00	6.998 pH	18.22 °C	266.2 µS/cm	3.040 mg/L	88.60 NTU	99.7 mV	47.40 ft	200.0 ml/min
11/11/2025 12:31 PM	05:00	7.589 pH	17.08 °C	275.4 µS/cm	0.924 mg/L	87.40 NTU	78.6 mV	48.05 ft	200.0 ml/min
11/11/2025 12:36 PM	10:00	7.631 pH	17.13 °C	276.1 µS/cm	0.635 mg/L	89.30 NTU	74.3 mV	48.73 ft	200.0 ml/min
11/11/2025 12:41 PM	15:00	7.622 pH	17.52 °C	274.7 µS/cm	0.381 mg/L	52.50 NTU	74.0 mV	49.67 ft	200.0 ml/min
11/11/2025 12:46 PM	20:00	7.632 pH	17.55 °C	273.6 µS/cm	0.278 mg/L	24.40 NTU	71.0 mV	50.82 ft	200.0 ml/min
11/11/2025 12:51 PM	25:00	7.606 pH	17.56 °C	273.8 µS/cm	0.249 mg/L	16.00 NTU	66.5 mV	52.22 ft	200.0 ml/min
11/11/2025 12:56 PM	30:00	7.639 pH	17.54 °C	273.8 µS/cm	0.236 mg/L	19.20 NTU	64.6 mV	54.01 ft	200.0 ml/min
11/11/2025 1:01 PM	35:00	7.603 pH	17.67 °C	274.1 µS/cm	0.238 mg/L	11.10 NTU	62.2 mV	55.32 ft	200.0 ml/min
11/11/2025 1:06 PM	40:00	7.616 pH	17.71 °C	273.5 µS/cm	0.229 mg/L	9.270 NTU	60.5 mV	56.53 ft	200.0 ml/min
11/11/2025 1:11 PM	45:00	7.629 pH	17.58 °C	270.9 µS/cm	0.232 mg/L	8.340 NTU	58.6 mV	58.17 ft	200.0 ml/min
11/11/2025 1:16 PM	50:00	7.618 pH	17.78 °C	271.5 µS/cm	0.252 mg/L	8.280 NTU	59.4 mV	59.25 ft	200.0 ml/min
11/11/2025 1:21 PM	55:00	7.651 pH	17.75 °C	268.8 µS/cm	0.259 mg/L	7.040 NTU	55.9 mV	61.02 ft	200.0 ml/min
11/11/2025 1:26 PM	01:00:00	7.635 pH	17.60 °C	268.9 µS/cm	0.290 mg/L	8.140 NTU	55.8 mV	62.94 ft	200.0 ml/min
11/11/2025 1:31 PM	01:05:00	7.650 pH	17.70 °C	269.8 µS/cm	0.313 mg/L	9.990 NTU	53.3 mV	64.01 ft	200.0 ml/min
11/11/2025 1:36 PM	01:10:00	7.634 pH	17.66 °C	270.2 µS/cm	0.321 mg/L	10.10 NTU	52.1 mV	64.99 ft	200.0 ml/min

11/11/2025 1:41 PM	01:15:00	7.641 pH	17.67 °C	269.3 µS/cm	0.326 mg/L	9.800 NTU	51.0 mV	66.73 ft	200.0 ml/min
11/11/2025 1:46 PM	01:20:00	7.645 pH	17.65 °C	268.3 µS/cm	0.327 mg/L	9.550 NTU	49.3 mV	68.08 ft	200.0 ml/min
11/11/2025 1:51 PM	01:25:00	7.644 pH	17.60 °C	268.3 µS/cm	0.335 mg/L	8.850 NTU	48.0 mV	69.21 ft	200.0 ml/min
11/11/2025 1:56 PM	01:30:00	7.659 pH	17.80 °C	268.5 µS/cm	0.344 mg/L	9.360 NTU	46.6 mV	70.05 ft	200.0 ml/min
11/11/2025 2:01 PM	01:35:00	7.651 pH	17.75 °C	267.3 µS/cm	0.345 mg/L	9.040 NTU	45.3 mV	71.25 ft	200.0 ml/min
11/11/2025 2:06 PM	01:40:00	7.682 pH	17.68 °C	267.1 µS/cm	0.396 mg/L	7.260 NTU	43.4 mV	72.33 ft	200.0 ml/min
11/11/2025 2:11 PM	01:45:00	7.687 pH	17.67 °C	267.1 µS/cm	0.468 mg/L	6.990 NTU	42.2 mV	73.76 ft	200.0 ml/min
11/11/2025 2:16 PM	01:50:00	7.658 pH	17.74 °C	266.9 µS/cm	0.377 mg/L	7.020 NTU	43.1 mV	74.33 ft	200.0 ml/min
11/11/2025 2:21 PM	01:55:00	7.680 pH	17.76 °C	262.5 µS/cm	0.324 mg/L	6.390 NTU	39.9 mV	75.04 ft	200.0 ml/min
11/11/2025 2:26 PM	02:00:00	7.682 pH	17.87 °C	264.5 µS/cm	0.348 mg/L	7.010 NTU	38.8 mV	76.22 ft	200.0 ml/min
11/11/2025 2:31 PM	02:05:00	7.683 pH	17.92 °C	265.3 µS/cm	0.354 mg/L	7.110 NTU	37.5 mV	77.43 ft	200.0 ml/min
11/11/2025 2:36 PM	02:10:00	7.670 pH	17.82 °C	263.5 µS/cm	0.352 mg/L	5.700 NTU	37.2 mV	78.52 ft	200.0 ml/min
11/11/2025 2:41 PM	02:15:00	7.660 pH	17.95 °C	265.0 µS/cm	0.419 mg/L	5.930 NTU	36.3 mV	79.59 ft	200.0 ml/min
11/11/2025 2:46 PM	02:20:00	7.668 pH	17.80 °C	262.2 µS/cm	0.414 mg/L	5.720 NTU	33.8 mV	80.60 ft	200.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 11/12/2025 8:57:09 AM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

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: 80.69 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: 9789.333 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 80 ml/min** **Final Draw Down: 3.08 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 1059. Sunny, 40 degrees F. Well purged dry 11/11/25.

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	
11/12/2025 8:57 AM	00:00	7.217 pH	9.430 °C	298.5 µS/cm	9.289 mg/L	53.00 NTU	159.0 mV	80.69 ft	80.00 ml/min
11/12/2025 9:02 AM	05:00	7.594 pH	13.47 °C	271.0 µS/cm	1.426 mg/L	64.40 NTU	122.5 mV	81.50 ft	80.00 ml/min
11/12/2025 9:07 AM	10:00	7.622 pH	13.25 °C	264.5 µS/cm	1.053 mg/L	67.80 NTU	105.6 mV	81.57 ft	80.00 ml/min
11/12/2025 9:11 AM	13:52	7.633 pH	13.28 °C	263.9 µS/cm	1.085 mg/L	68.90 NTU	96.6 mV	81.62 ft	80.00 ml/min
11/12/2025 9:12 AM	14:52	7.632 pH	13.34 °C	263.4 µS/cm	1.091 mg/L	67.00 NTU	93.8 mV	81.73 ft	80.00 ml/min
11/12/2025 9:13 AM	15:52	7.632 pH	13.44 °C	263.8 µS/cm	1.120 mg/L	66.30 NTU	91.0 mV	81.82 ft	80.00 ml/min
11/12/2025 9:14 AM	16:52	7.631 pH	13.47 °C	262.3 µS/cm	1.115 mg/L	64.90 NTU	89.6 mV	81.93 ft	80.00 ml/min
11/12/2025 9:14 AM	17:22	7.630 pH	13.48 °C	262.4 µS/cm	1.118 mg/L	62.70 NTU	88.5 mV	82.01 ft	80.00 ml/min
11/12/2025 9:19 AM	22:22	7.651 pH	13.47 °C	261.2 µS/cm	1.087 mg/L	51.40 NTU	80.3 mV	82.42 ft	80.00 ml/min
11/12/2025 9:24 AM	27:22	7.678 pH	13.13 °C	260.3 µS/cm	1.180 mg/L	45.30 NTU	73.1 mV	82.50 ft	80.00 ml/min
11/12/2025 9:29 AM	32:22	7.719 pH	13.43 °C	258.2 µS/cm	1.255 mg/L	42.40 NTU	68.5 mV	82.72 ft	80.00 ml/min
11/12/2025 9:34 AM	37:22	7.715 pH	13.59 °C	257.8 µS/cm	1.242 mg/L	38.30 NTU	64.0 mV	82.80 ft	80.00 ml/min
11/12/2025 9:39 AM	42:22	7.743 pH	13.75 °C	254.7 µS/cm	1.225 mg/L	33.50 NTU	59.0 mV	82.96 ft	80.00 ml/min
11/12/2025 9:44 AM	47:22	7.759 pH	14.01 °C	251.9 µS/cm	1.223 mg/L	30.60 NTU	56.8 mV	83.11 ft	80.00 ml/min
11/12/2025 9:49 AM	52:22	7.751 pH	14.25 °C	247.5 µS/cm	1.247 mg/L	30.10 NTU	54.1 mV	83.20 ft	80.00 ml/min

11/12/2025 9:54 AM	57:22	7.767 pH	14.50 °C	245.9 µS/cm	1.268 mg/L	22.70 NTU	52.3 mV	83.22 ft	80.00 ml/min
11/12/2025 9:59 AM	01:02:22	7.768 pH	14.68 °C	242.4 µS/cm	1.275 mg/L	19.00 NTU	50.9 mV	83.25 ft	80.00 ml/min
11/12/2025 10:04 AM	01:07:22	7.738 pH	14.95 °C	240.2 µS/cm	1.292 mg/L	18.90 NTU	51.4 mV	83.27 ft	80.00 ml/min
11/12/2025 10:09 AM	01:12:22	7.748 pH	15.25 °C	239.5 µS/cm	1.312 mg/L	15.90 NTU	49.8 mV	83.31 ft	80.00 ml/min
11/12/2025 10:14 AM	01:17:22	7.762 pH	15.50 °C	237.0 µS/cm	1.330 mg/L	14.20 NTU	47.6 mV	83.36 ft	80.00 ml/min
11/12/2025 10:19 AM	01:22:22	7.751 pH	15.54 °C	234.9 µS/cm	1.346 mg/L	13.40 NTU	47.4 mV	83.40 ft	80.00 ml/min
11/12/2025 10:24 AM	01:27:22	7.780 pH	15.92 °C	233.3 µS/cm	1.330 mg/L	14.00 NTU	46.1 mV	83.46 ft	80.00 ml/min
11/12/2025 10:29 AM	01:32:22	7.763 pH	16.24 °C	232.8 µS/cm	1.289 mg/L	13.40 NTU	46.3 mV	83.50 ft	80.00 ml/min
11/12/2025 10:34 AM	01:37:22	7.753 pH	15.90 °C	231.0 µS/cm	1.268 mg/L	11.70 NTU	46.6 mV	83.53 ft	80.00 ml/min
11/12/2025 10:39 AM	01:42:22	7.747 pH	15.96 °C	230.2 µS/cm	1.279 mg/L	13.70 NTU	46.8 mV	83.58 ft	80.00 ml/min
11/12/2025 10:44 AM	01:47:22	7.749 pH	15.50 °C	229.4 µS/cm	1.343 mg/L	12.50 NTU	47.9 mV	83.66 ft	80.00 ml/min
11/12/2025 10:49 AM	01:52:22	7.740 pH	15.52 °C	227.8 µS/cm	1.358 mg/L	11.50 NTU	47.3 mV	83.71 ft	80.00 ml/min
11/12/2025 10:54 AM	01:57:22	7.747 pH	15.55 °C	224.0 µS/cm	1.351 mg/L	10.60 NTU	47.5 mV	83.77 ft	80.00 ml/min
11/12/2025 10:59 AM	02:02:22	7.771 pH	15.88 °C	221.8 µS/cm	1.337 mg/L	9.780 NTU	46.1 mV	83.77 ft	80.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 11/11/2025 3:08:24 PM
Project: Plant Wansley Ash Pond
Operator Name: Dever Johnson

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: 23.46 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Pump Intake From TOC: 37.5 ft** **Estimated Total Volume Pumped: 17 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.59 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
sample time 1633. sunny, 48 degrees F.
EB-09 here on PBP.

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	
11/11/2025 3:08 PM	00:00	6.594 pH	19.19 °C	110.3 µS/cm	2.334 mg/L	208.0 NTU	86.2 mV	23.46 ft	200.0 ml/min
11/11/2025 3:13 PM	05:00	5.301 pH	18.50 °C	61.41 µS/cm	2.488 mg/L	244.0 NTU	87.4 mV	23.92 ft	200.0 ml/min
11/11/2025 3:18 PM	10:00	5.316 pH	18.32 °C	60.81 µS/cm	2.336 mg/L	172.0 NTU	84.8 mV	23.95 ft	200.0 ml/min
11/11/2025 3:23 PM	15:00	5.309 pH	18.31 °C	61.06 µS/cm	2.254 mg/L	115.0 NTU	84.0 mV	23.97 ft	200.0 ml/min
11/11/2025 3:28 PM	20:00	5.283 pH	18.18 °C	59.64 µS/cm	2.417 mg/L	379.0 NTU	84.6 mV	23.98 ft	200.0 ml/min
11/11/2025 3:33 PM	25:00	5.257 pH	17.99 °C	59.06 µS/cm	2.344 mg/L	140.0 NTU	88.3 mV	23.99 ft	200.0 ml/min
11/11/2025 3:38 PM	30:00	5.296 pH	17.97 °C	60.35 µS/cm	2.309 mg/L	64.90 NTU	86.8 mV	24.01 ft	200.0 ml/min
11/11/2025 3:43 PM	35:00	5.349 pH	18.09 °C	60.16 µS/cm	2.309 mg/L	37.20 NTU	87.5 mV	24.02 ft	200.0 ml/min
11/11/2025 3:48 PM	40:00	5.235 pH	18.10 °C	59.62 µS/cm	2.360 mg/L	20.60 NTU	87.4 mV	24.03 ft	200.0 ml/min
11/11/2025 3:53 PM	45:00	5.267 pH	18.07 °C	58.86 µS/cm	2.440 mg/L	19.10 NTU	92.1 mV	24.04 ft	200.0 ml/min
11/11/2025 3:58 PM	50:00	5.281 pH	17.88 °C	57.91 µS/cm	2.513 mg/L	13.40 NTU	92.9 mV	24.05 ft	200.0 ml/min
11/11/2025 4:03 PM	55:00	5.285 pH	17.78 °C	57.89 µS/cm	2.615 mg/L	10.40 NTU	92.9 mV	24.05 ft	200.0 ml/min
11/11/2025 4:08 PM	01:00:00	5.293 pH	17.97 °C	57.34 µS/cm	2.659 mg/L	9.170 NTU	93.9 mV	24.05 ft	200.0 ml/min
11/11/2025 4:13 PM	01:05:00	5.319 pH	18.09 °C	56.93 µS/cm	2.719 mg/L	8.490 NTU	93.4 mV	24.05 ft	200.0 ml/min

11/11/2025 4:18 PM	01:10:00	5.332 pH	18.08 °C	56.77 µS/cm	2.777 mg/L	7.330 NTU	94.2 mV	24.05 ft	200.0 ml/min
11/11/2025 4:23 PM	01:15:00	5.442 pH	18.00 °C	56.59 µS/cm	2.826 mg/L	4.990 NTU	90.4 mV	24.05 ft	200.0 ml/min
11/11/2025 4:28 PM	01:20:00	5.426 pH	17.84 °C	56.49 µS/cm	2.873 mg/L	4.420 NTU	92.5 mV	24.05 ft	200.0 ml/min
11/11/2025 4:33 PM	01:25:00	5.352 pH	17.92 °C	57.37 µS/cm	2.925 mg/L	3.890 NTU	97.6 mV	24.05 ft	200.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 11/10/2025 12:00:04 PM
Project: Plant Wansley Ash Pond
Operator Name: D. 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: 19.89 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: 11 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 6.84 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 1255. Sunny, 41 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	
11/10/2025 12:00 PM	00:00	5.402 pH	16.63 °C	138.5 µS/cm	3.094 mg/L	84.80 NTU	36.6 mV	19.89 ft	200.0 ml/min
11/10/2025 12:05 PM	05:00	5.293 pH	16.84 °C	127.2 µS/cm	3.327 mg/L	117.0 NTU	64.7 mV	20.35 ft	200.0 ml/min
11/10/2025 12:10 PM	10:00	5.262 pH	16.93 °C	123.6 µS/cm	3.319 mg/L	52.50 NTU	62.8 mV	20.39 ft	200.0 ml/min
11/10/2025 12:15 PM	15:00	5.132 pH	17.02 °C	120.1 µS/cm	3.550 mg/L	26.20 NTU	71.8 mV	20.42 ft	200.0 ml/min
11/10/2025 12:20 PM	20:00	5.099 pH	16.80 °C	117.6 µS/cm	3.421 mg/L	15.90 NTU	76.5 mV	20.44 ft	200.0 ml/min
11/10/2025 12:25 PM	25:00	5.082 pH	16.88 °C	117.7 µS/cm	3.523 mg/L	15.30 NTU	79.5 mV	20.45 ft	200.0 ml/min
11/10/2025 12:30 PM	30:00	5.097 pH	17.07 °C	118.5 µS/cm	3.459 mg/L	14.40 NTU	80.5 mV	20.45 ft	200.0 ml/min
11/10/2025 12:35 PM	35:00	5.092 pH	16.54 °C	118.2 µS/cm	3.434 mg/L	9.320 NTU	83.1 mV	20.46 ft	200.0 ml/min
11/10/2025 12:40 PM	40:00	5.081 pH	16.60 °C	118.6 µS/cm	3.467 mg/L	6.450 NTU	84.6 mV	20.46 ft	200.0 ml/min
11/10/2025 12:45 PM	45:00	5.075 pH	16.45 °C	118.3 µS/cm	3.457 mg/L	4.740 NTU	85.4 mV	20.46 ft	200.0 ml/min
11/10/2025 12:50 PM	50:00	5.076 pH	16.31 °C	117.7 µS/cm	3.461 mg/L	2.930 NTU	85.8 mV	20.46 ft	200.0 ml/min
11/10/2025 12:55 PM	55:00	5.076 pH	16.49 °C	117.8 µS/cm	3.437 mg/L	2.630 NTU	86.8 mV	20.46 ft	200.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 11/12/2025 10:35:07 AM
Project: Plant Wansley Ash Pond
Operator Name: C.Klamke

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: 20.78 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 32.7 ft** **Estimated Total Volume Pumped: 8 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 320 ml/min** **Final Draw Down: 1.37 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 1100, Sunny 52 degrees.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
11/12/2025 10:35 AM	00:00	5.311 pH	18.72 °C	614.1 µS/cm	0.218 mg/L	9.960 NTU	123.3 mV	20.78 ft	320.0 ml/min
11/12/2025 10:40 AM	05:00	5.296 pH	18.88 °C	608.5 µS/cm	0.195 mg/L	4.520 NTU	119.9 mV	22.15 ft	320.0 ml/min
11/12/2025 10:45 AM	10:00	5.280 pH	18.91 °C	603.5 µS/cm	0.207 mg/L	4.990 NTU	120.4 mV	22.15 ft	320.0 ml/min
11/12/2025 10:50 AM	15:00	5.253 pH	19.05 °C	601.7 µS/cm	0.200 mg/L	3.510 NTU	121.8 mV	22.15 ft	320.0 ml/min
11/12/2025 10:55 AM	20:00	5.229 pH	19.20 °C	602.4 µS/cm	0.188 mg/L	2.500 NTU	123.7 mV	22.15 ft	320.0 ml/min
11/12/2025 11:00 AM	25:00	5.175 pH	19.22 °C	608.1 µS/cm	0.192 mg/L	2.480 NTU	127.3 mV	22.15 ft	320.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 11/11/2025 1:20:06 PM
Project: Plant Wansley Ash Pond
Operator Name: C.Klamke

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: 30.13 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: 53.6 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 210 ml/min** **Final Draw Down: 1.32 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 1430, Sunny 49. FB-15 done here.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
11/11/2025 1:20 PM	00:00	5.503 pH	17.44 °C	1,073 µS/cm	0.123 mg/L	4.280 NTU	165.8 mV	31.45 ft	210.0 ml/min
11/11/2025 1:25 PM	05:00	5.526 pH	17.94 °C	1,078 µS/cm	0.067 mg/L	4.440 NTU	173.7 mV	31.45 ft	210.0 ml/min
11/11/2025 1:30 PM	10:00	5.529 pH	18.08 °C	1,083 µS/cm	0.066 mg/L	4.020 NTU	184.5 mV	31.45 ft	210.0 ml/min
11/11/2025 1:35 PM	15:00	5.533 pH	18.13 °C	1,056 µS/cm	0.059 mg/L	3.500 NTU	198.9 mV	31.45 ft	210.0 ml/min
11/11/2025 1:40 PM	20:00	5.546 pH	18.02 °C	1,060 µS/cm	0.055 mg/L	4.320 NTU	218.4 mV	31.45 ft	210.0 ml/min
11/11/2025 1:45 PM	25:00	5.546 pH	18.03 °C	1,056 µS/cm	0.053 mg/L	3.840 NTU	242.9 mV	31.45 ft	210.0 ml/min
11/11/2025 1:50 PM	30:00	5.549 pH	17.94 °C	1,054 µS/cm	0.062 mg/L	3.450 NTU	251.1 mV	31.45 ft	210.0 ml/min
11/11/2025 1:55 PM	35:00	5.565 pH	18.23 °C	1,052 µS/cm	0.095 mg/L	3.680 NTU	274.1 mV	31.45 ft	210.0 ml/min
11/11/2025 2:00 PM	40:00	5.548 pH	18.16 °C	1,047 µS/cm	0.057 mg/L	4.090 NTU	314.3 mV	31.45 ft	210.0 ml/min
11/11/2025 2:05 PM	45:00	5.558 pH	18.18 °C	1,046 µS/cm	0.049 mg/L	4.790 NTU	345.5 mV	31.45 ft	210.0 ml/min
11/11/2025 2:10 PM	50:00	5.559 pH	18.12 °C	1,044 µS/cm	0.052 mg/L	3.980 NTU	368.8 mV	31.45 ft	210.0 ml/min
11/11/2025 2:15 PM	55:00	5.562 pH	18.21 °C	1,042 µS/cm	0.054 mg/L	3.500 NTU	387.8 mV	31.45 ft	210.0 ml/min
11/11/2025 2:20 PM	01:00:00	5.555 pH	18.20 °C	1,046 µS/cm	0.048 mg/L	4.080 NTU	406.3 mV	31.45 ft	210.0 ml/min
11/11/2025 2:25 PM	01:05:00	5.559 pH	18.10 °C	1,067 µS/cm	0.065 mg/L	3.400 NTU	413.0 mV	31.45 ft	210.0 ml/min
11/11/2025 2:30 PM	01:10:00	5.556 pH	18.07 °C	1,045 µS/cm	0.049 mg/L	4.000 NTU	428.7 mV	31.45 ft	210.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 11/11/2025 10:45:07 AM
Project: Plant Wansley Ash Pond
Operator Name: C.Klamke

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: 21.08 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 41.6 ft** **Estimated Total Volume Pumped: 11 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 9 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 1235. Sunny 45 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	
11/11/2025 10:45 AM	00:00	5.289 pH	15.51 °C	46.64 µS/cm	1.376 mg/L	2.810 NTU	190.4 mV	21.08 ft	100.0 ml/min
11/11/2025 10:50 AM	05:00	5.356 pH	14.88 °C	41.69 µS/cm	0.525 mg/L	2.200 NTU	178.1 mV	22.52 ft	100.0 ml/min
11/11/2025 10:55 AM	10:00	5.367 pH	14.45 °C	39.94 µS/cm	0.371 mg/L	3.050 NTU	174.4 mV	22.95 ft	100.0 ml/min
11/11/2025 11:00 AM	15:00	5.403 pH	14.70 °C	39.29 µS/cm	0.297 mg/L	1.860 NTU	162.3 mV	23.58 ft	100.0 ml/min
11/11/2025 11:05 AM	20:00	5.421 pH	15.19 °C	40.19 µS/cm	0.271 mg/L	1.830 NTU	157.0 mV	24.16 ft	100.0 ml/min
11/11/2025 11:10 AM	25:00	5.461 pH	14.88 °C	36.42 µS/cm	0.259 mg/L	2.680 NTU	148.5 mV	24.76 ft	100.0 ml/min
11/11/2025 11:15 AM	30:00	5.450 pH	15.08 °C	36.29 µS/cm	0.240 mg/L	2.960 NTU	141.2 mV	25.35 ft	100.0 ml/min
11/11/2025 11:20 AM	35:00	5.478 pH	14.61 °C	35.75 µS/cm	0.217 mg/L	3.060 NTU	135.7 mV	25.68 ft	100.0 ml/min
11/11/2025 11:25 AM	40:00	5.473 pH	13.98 °C	35.52 µS/cm	0.213 mg/L	4.230 NTU	134.5 mV	25.97 ft	100.0 ml/min
11/11/2025 11:30 AM	45:00	5.472 pH	14.48 °C	36.00 µS/cm	0.223 mg/L	4.850 NTU	133.4 mV	26.32 ft	100.0 ml/min
11/11/2025 11:35 AM	50:00	5.480 pH	14.70 °C	35.18 µS/cm	0.225 mg/L	4.220 NTU	130.2 mV	26.75 ft	100.0 ml/min
11/11/2025 11:40 AM	55:00	5.481 pH	14.47 °C	35.85 µS/cm	0.229 mg/L	1.560 NTU	129.0 mV	27.37 ft	100.0 ml/min
11/11/2025 11:45 AM	01:00:00	5.489 pH	14.71 °C	35.41 µS/cm	0.229 mg/L	2.300 NTU	126.2 mV	27.69 ft	100.0 ml/min
11/11/2025 11:50 AM	01:05:00	5.493 pH	15.05 °C	35.18 µS/cm	0.234 mg/L	3.940 NTU	124.6 mV	28.04 ft	100.0 ml/min
11/11/2025 11:55 AM	01:10:00	5.507 pH	14.67 °C	34.34 µS/cm	0.233 mg/L	2.210 NTU	124.3 mV	28.40 ft	100.0 ml/min

11/11/2025 12:00 PM	01:15:00	5.499 pH	14.38 °C	34.67 µS/cm	0.241 mg/L	1.260 NTU	125.2 mV	28.75 ft	100.0 ml/min
11/11/2025 12:05 PM	01:20:00	5.500 pH	14.55 °C	34.85 µS/cm	0.252 mg/L	3.200 NTU	127.0 mV	29.05 ft	100.0 ml/min
11/11/2025 12:10 PM	01:25:00	5.483 pH	14.22 °C	35.10 µS/cm	0.276 mg/L	2.890 NTU	128.5 mV	29.28 ft	100.0 ml/min
11/11/2025 12:15 PM	01:30:00	5.512 pH	14.33 °C	35.46 µS/cm	0.291 mg/L	2.670 NTU	128.1 mV	29.46 ft	100.0 ml/min
11/11/2025 12:20 PM	01:35:00	5.520 pH	14.45 °C	35.57 µS/cm	0.299 mg/L	1.390 NTU	132.3 mV	29.73 ft	100.0 ml/min
11/11/2025 12:25 PM	01:40:00	5.523 pH	15.11 °C	35.47 µS/cm	0.312 mg/L	1.420 NTU	137.0 mV	29.91 ft	100.0 ml/min
11/11/2025 12:30 PM	01:45:00	5.538 pH	14.45 °C	35.46 µS/cm	0.313 mg/L	1.230 NTU	130.2 mV	29.99 ft	100.0 ml/min
11/11/2025 12:35 PM	01:50:00	5.509 pH	14.20 °C	35.34 µS/cm	0.323 mg/L	2.060 NTU	135.7 mV	30.08 ft	100.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 11/12/2025 3:10:02 PM
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: 27.41 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: 10.5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 78.84 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 1620. Sunny, 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	
11/12/2025 3:10 PM	00:00	6.715 pH	21.85 °C	285.1 µS/cm	0.607 mg/L	9.070 NTU	-169.1 mV	27.41 ft	150.0 ml/min
11/12/2025 3:15 PM	05:00	6.693 pH	20.44 °C	286.1 µS/cm	0.315 mg/L	5.490 NTU	-185.1 mV	30.30 ft	150.0 ml/min
11/12/2025 3:20 PM	10:00	6.613 pH	19.92 °C	321.8 µS/cm	0.245 mg/L	5.280 NTU	-187.9 mV	30.73 ft	150.0 ml/min
11/12/2025 3:25 PM	15:00	6.583 pH	19.72 °C	231.8 µS/cm	0.224 mg/L	4.340 NTU	-191.8 mV	31.11 ft	150.0 ml/min
11/12/2025 3:30 PM	20:00	6.650 pH	19.68 °C	321.4 µS/cm	0.217 mg/L	7.430 NTU	-198.3 mV	31.73 ft	150.0 ml/min
11/12/2025 3:35 PM	25:00	6.576 pH	19.62 °C	309.7 µS/cm	0.214 mg/L	8.040 NTU	-196.8 mV	32.33 ft	150.0 ml/min
11/12/2025 3:40 PM	30:00	6.570 pH	19.49 °C	232.7 µS/cm	0.189 mg/L	3.920 NTU	-199.4 mV	32.62 ft	150.0 ml/min
11/12/2025 3:45 PM	35:00	6.576 pH	19.44 °C	324.4 µS/cm	0.159 mg/L	3.760 NTU	-200.5 mV	32.92 ft	150.0 ml/min
11/12/2025 3:50 PM	40:00	6.567 pH	19.42 °C	323.3 µS/cm	0.151 mg/L	3.120 NTU	-202.4 mV	33.01 ft	150.0 ml/min
11/12/2025 3:55 PM	45:00	6.518 pH	19.39 °C	322.4 µS/cm	0.131 mg/L	3.560 NTU	-201.6 mV	33.42 ft	150.0 ml/min
11/12/2025 4:00 PM	50:00	6.590 pH	19.38 °C	323.5 µS/cm	0.118 mg/L	3.370 NTU	-207.7 mV	33.62 ft	150.0 ml/min
11/12/2025 4:05 PM	55:00	6.608 pH	19.24 °C	323.3 µS/cm	0.103 mg/L	2.960 NTU	-214.9 mV	33.88 ft	150.0 ml/min
11/12/2025 4:10 PM	01:00:00	6.761 pH	19.33 °C	323.2 µS/cm	0.096 mg/L	3.030 NTU	-221.6 mV	33.90 ft	150.0 ml/min
11/12/2025 4:15 PM	01:05:00	6.671 pH	19.23 °C	323.2 µS/cm	0.087 mg/L	1.530 NTU	-219.7 mV	33.95 ft	150.0 ml/min
11/12/2025 4:20 PM	01:10:00	6.687 pH	19.13 °C	322.8 µS/cm	0.087 mg/L	1.430 NTU	-222.6 mV	33.98 ft	150.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 11/12/2025 12:48:46 PM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

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: 21.71 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: 12750 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 7.92 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 1413. Sunny, 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	
11/12/2025 12:48 PM	00:00	6.807 pH	22.50 °C	254.3 µS/cm	2.974 mg/L	25.30 NTU	-54.8 mV	21.71 ft	150.0 ml/min
11/12/2025 12:53 PM	05:00	6.720 pH	20.74 °C	250.8 µS/cm	0.334 mg/L	22.60 NTU	-72.0 mV	22.77 ft	150.0 ml/min
11/12/2025 12:58 PM	10:00	6.708 pH	20.81 °C	252.8 µS/cm	0.256 mg/L	12.80 NTU	-90.5 mV	23.57 ft	150.0 ml/min
11/12/2025 1:03 PM	15:00	6.709 pH	20.74 °C	225.2 µS/cm	0.223 mg/L	10.40 NTU	-102.1 mV	24.20 ft	150.0 ml/min
11/12/2025 1:08 PM	20:00	6.718 pH	20.76 °C	250.4 µS/cm	0.212 mg/L	8.220 NTU	-110.4 mV	24.92 ft	150.0 ml/min
11/12/2025 1:13 PM	25:00	6.700 pH	20.74 °C	242.6 µS/cm	0.192 mg/L	7.600 NTU	-116.3 mV	25.62 ft	150.0 ml/min
11/12/2025 1:18 PM	30:00	6.685 pH	20.62 °C	298.6 µS/cm	0.194 mg/L	6.890 NTU	-118.6 mV	26.02 ft	150.0 ml/min
11/12/2025 1:23 PM	35:00	6.689 pH	20.44 °C	264.0 µS/cm	0.196 mg/L	4.440 NTU	-121.7 mV	26.43 ft	150.0 ml/min
11/12/2025 1:28 PM	40:00	6.690 pH	20.53 °C	250.4 µS/cm	0.186 mg/L	4.820 NTU	-123.3 mV	27.08 ft	150.0 ml/min
11/12/2025 1:33 PM	45:00	6.691 pH	20.60 °C	229.7 µS/cm	0.193 mg/L	2.950 NTU	-124.8 mV	27.65 ft	150.0 ml/min
11/12/2025 1:38 PM	50:00	6.711 pH	20.53 °C	284.0 µS/cm	0.175 mg/L	3.320 NTU	-127.0 mV	28.03 ft	150.0 ml/min
11/12/2025 1:43 PM	55:00	6.694 pH	20.87 °C	270.0 µS/cm	0.180 mg/L	3.280 NTU	-126.5 mV	28.42 ft	150.0 ml/min
11/12/2025 1:48 PM	01:00:00	6.720 pH	21.07 °C	265.0 µS/cm	0.176 mg/L	3.590 NTU	-126.1 mV	28.87 ft	150.0 ml/min
11/12/2025 1:53 PM	01:05:00	6.713 pH	20.96 °C	255.1 µS/cm	0.185 mg/L	3.540 NTU	-125.2 mV	29.10 ft	150.0 ml/min
11/12/2025 1:58 PM	01:10:00	6.667 pH	21.06 °C	283.6 µS/cm	0.174 mg/L	3.360 NTU	-123.4 mV	29.32 ft	150.0 ml/min

11/12/2025 2:03 PM	01:15:00	6.730 pH	21.36 °C	257.9 µS/cm	0.157 mg/L	2.570 NTU	-127.5 mV	29.52 ft	150.0 ml/min
11/12/2025 2:08 PM	01:20:00	6.728 pH	21.29 °C	251.4 µS/cm	0.160 mg/L	2.280 NTU	-128.2 mV	29.59 ft	150.0 ml/min
11/12/2025 2:13 PM	01:25:00	6.719 pH	21.26 °C	254.5 µS/cm	0.156 mg/L	2.210 NTU	-126.5 mV	29.63 ft	150.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 11/10/2025 2:58:39 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: 27.46 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: 10125 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 225 ml/min** **Final Draw Down: 0.89 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 1543. Sunny, 40s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
11/10/2025 2:58 PM	00:00	5.470 pH	15.94 °C	58.71 µS/cm	6.298 mg/L	242.0 NTU	41.5 mV	27.46 ft	225.0 ml/min
11/10/2025 3:03 PM	05:00	5.513 pH	16.55 °C	68.00 µS/cm	0.370 mg/L	57.30 NTU	-23.3 mV	28.12 ft	225.0 ml/min
11/10/2025 3:08 PM	10:00	5.488 pH	16.63 °C	68.27 µS/cm	0.216 mg/L	23.20 NTU	-55.3 mV	28.21 ft	225.0 ml/min
11/10/2025 3:13 PM	15:00	5.457 pH	16.70 °C	68.82 µS/cm	0.177 mg/L	9.350 NTU	-75.9 mV	28.29 ft	225.0 ml/min
11/10/2025 3:18 PM	20:00	5.424 pH	16.58 °C	70.77 µS/cm	0.157 mg/L	7.750 NTU	-89.2 mV	28.33 ft	225.0 ml/min
11/10/2025 3:23 PM	25:00	5.474 pH	16.39 °C	72.35 µS/cm	0.144 mg/L	4.970 NTU	-96.9 mV	28.35 ft	225.0 ml/min
11/10/2025 3:28 PM	30:00	5.450 pH	16.57 °C	73.24 µS/cm	0.137 mg/L	4.690 NTU	-104.5 mV	28.35 ft	225.0 ml/min
11/10/2025 3:33 PM	35:00	5.558 pH	16.34 °C	75.46 µS/cm	0.129 mg/L	4.510 NTU	-111.3 mV	28.35 ft	225.0 ml/min
11/10/2025 3:38 PM	40:00	5.487 pH	16.13 °C	76.66 µS/cm	0.125 mg/L	4.320 NTU	-111.4 mV	28.35 ft	225.0 ml/min
11/10/2025 3:43 PM	45:00	5.489 pH	15.82 °C	78.04 µS/cm	0.129 mg/L	4.300 NTU	-111.8 mV	28.35 ft	225.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 11/13/2025 12:15:05 PM
Project: Plant Wansley Ash Pond
Operator Name: C.Klamke

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: 22.52 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: 26 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 50 ml/min** **Final Draw Down: 35.18 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 1300, 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	
11/13/2025 12:15 PM	00:00	6.595 pH	19.12 °C	297.0 µS/cm	0.313 mg/L	2.710 NTU	91.3 mV	40.55 ft	100.0 ml/min
11/13/2025 12:20 PM	05:00	6.613 pH	19.42 °C	323.6 µS/cm	0.193 mg/L	2.480 NTU	73.7 mV	40.69 ft	100.0 ml/min
11/13/2025 12:25 PM	10:00	6.613 pH	19.75 °C	322.7 µS/cm	0.174 mg/L	2.460 NTU	65.3 mV	40.87 ft	100.0 ml/min
11/13/2025 12:30 PM	15:00	6.613 pH	19.84 °C	298.4 µS/cm	0.153 mg/L	2.420 NTU	56.4 mV	40.96 ft	100.0 ml/min
11/13/2025 12:35 PM	20:00	6.612 pH	19.87 °C	298.2 µS/cm	0.148 mg/L	2.420 NTU	45.8 mV	41.13 ft	100.0 ml/min
11/13/2025 12:40 PM	25:00	6.609 pH	19.83 °C	295.5 µS/cm	0.136 mg/L	2.500 NTU	34.4 mV	41.28 ft	100.0 ml/min
11/13/2025 12:45 PM	30:00	6.609 pH	19.62 °C	292.2 µS/cm	0.127 mg/L	2.370 NTU	25.2 mV	41.42 ft	100.0 ml/min
11/13/2025 12:50 PM	35:00	6.610 pH	19.75 °C	291.2 µS/cm	0.136 mg/L	2.970 NTU	18.0 mV	41.42 ft	50.00 ml/min
11/13/2025 12:55 PM	40:00	6.612 pH	19.77 °C	291.0 µS/cm	0.148 mg/L	2.330 NTU	12.3 mV	41.42 ft	50.00 ml/min
11/13/2025 1:00 PM	45:00	6.615 pH	19.85 °C	293.2 µS/cm	0.148 mg/L	2.570 NTU	7.7 mV	41.42 ft	50.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 11/11/2025 3:50:07 PM
Project: Plant Wansley Ash Pond
Operator Name: C.Klamke

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: 25.83 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: 72.9 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 180 ml/min** **Final Draw Down: 22.33 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 1615, Sunny 49 degrees.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
11/11/2025 3:50 PM	00:00	6.182 pH	18.13 °C	359.4 µS/cm	0.125 mg/L	1.850 NTU	93.7 mV	47.90 ft	180.0 ml/min
11/11/2025 3:55 PM	05:00	6.201 pH	18.08 °C	349.4 µS/cm	0.058 mg/L	1.850 NTU	87.4 mV	48.10 ft	180.0 ml/min
11/11/2025 4:00 PM	10:00	6.212 pH	18.11 °C	355.2 µS/cm	0.047 mg/L	1.020 NTU	83.9 mV	48.13 ft	180.0 ml/min
11/11/2025 4:05 PM	15:00	6.221 pH	18.04 °C	353.9 µS/cm	0.035 mg/L	2.030 NTU	80.9 mV	48.16 ft	180.0 ml/min
11/11/2025 4:10 PM	20:00	6.225 pH	18.10 °C	351.7 µS/cm	0.033 mg/L	1.050 NTU	78.4 mV	48.16 ft	180.0 ml/min
11/11/2025 4:15 PM	25:00	6.228 pH	18.10 °C	355.7 µS/cm	0.029 mg/L	1.110 NTU	75.7 mV	48.16 ft	180.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 11/13/2025 2:55:10 PM
Project: Plant Wansley Ash Pond
Operator Name: C.Klamke

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: 22.37 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 40.42 ft** **Estimated Total Volume Pumped: 14,375 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 115 ml/min** **Final Draw Down: 7.26 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 1520, 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	
11/13/2025 2:55 PM	00:00	4.439 pH	20.05 °C	1,495 µS/cm	0.741 mg/L	1.970 NTU	126.1 mV	29.43 ft	115.0 ml/min
11/13/2025 3:00 PM	05:00	4.413 pH	19.76 °C	1,413 µS/cm	0.530 mg/L	2.650 NTU	132.3 mV	29.49 ft	115.0 ml/min
11/13/2025 3:05 PM	10:00	4.414 pH	19.51 °C	1,369 µS/cm	0.483 mg/L	1.840 NTU	135.2 mV	29.55 ft	115.0 ml/min
11/13/2025 3:10 PM	15:00	4.414 pH	19.44 °C	1,368 µS/cm	0.413 mg/L	1.960 NTU	137.0 mV	29.59 ft	115.0 ml/min
11/13/2025 3:15 PM	20:00	4.428 pH	19.47 °C	1,373 µS/cm	0.407 mg/L	1.650 NTU	138.4 mV	29.62 ft	115.0 ml/min
11/13/2025 3:20 PM	25:00	4.439 pH	19.46 °C	1,387 µS/cm	0.420 mg/L	2.020 NTU	139.9 mV	29.63 ft	115.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 11/10/2025 1:10:06 PM
Project: Plant Wansley Ash Pond
Operator Name: C.Klamke

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: 28.47 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: 3 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 120 ml/min** **Final Draw Down: 0.53 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 1335, Sunny 41 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	
11/10/2025 1:10 PM	00:00	5.276 pH	16.59 °C	3,673 µS/cm	1.388 mg/L	2.200 NTU	234.4 mV	28.47 ft	120.0 ml/min
11/10/2025 1:15 PM	05:00	5.356 pH	17.18 °C	3,281 µS/cm	0.683 mg/L	1.040 NTU	229.6 mV	28.97 ft	120.0 ml/min
11/10/2025 1:20 PM	10:00	5.357 pH	17.29 °C	3,313 µS/cm	0.362 mg/L	0.780 NTU	225.7 mV	29.00 ft	120.0 ml/min
11/10/2025 1:25 PM	15:00	5.373 pH	17.03 °C	3,337 µS/cm	0.274 mg/L	0.910 NTU	221.4 mV	29.00 ft	120.0 ml/min
11/10/2025 1:30 PM	20:00	5.408 pH	16.15 °C	3,328 µS/cm	0.245 mg/L	0.850 NTU	217.1 mV	29.00 ft	120.0 ml/min
11/10/2025 1:35 PM	25:00	5.441 pH	16.03 °C	3,349 µS/cm	0.230 mg/L	0.960 NTU	209.1 mV	29.00 ft	120.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 11/12/2025 1:05:08 PM
Project: Plant Wansley Ash Pond
Operator Name: C.Klamke

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: 24.83 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 54.5 ft** **Estimated Total Volume Pumped: 25.5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 4.35 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 1555, Sunny 61 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	
11/12/2025 1:05 PM	00:00	5.986 pH	20.22 °C	263.1 µS/cm	0.574 mg/L	19.90 NTU	121.7 mV	24.83 ft	150.0 ml/min
11/12/2025 1:10 PM	05:00	5.965 pH	20.11 °C	260.3 µS/cm	0.291 mg/L	23.70 NTU	110.3 mV	26.50 ft	150.0 ml/min
11/12/2025 1:15 PM	10:00	5.966 pH	20.36 °C	263.9 µS/cm	0.237 mg/L	22.80 NTU	101.3 mV	27.06 ft	150.0 ml/min
11/12/2025 1:20 PM	15:00	5.959 pH	20.49 °C	268.6 µS/cm	0.221 mg/L	26.20 NTU	95.7 mV	27.57 ft	150.0 ml/min
11/12/2025 1:25 PM	20:00	5.971 pH	20.64 °C	279.6 µS/cm	0.217 mg/L	23.00 NTU	90.7 mV	27.98 ft	150.0 ml/min
11/12/2025 1:30 PM	25:00	5.972 pH	20.81 °C	272.5 µS/cm	0.228 mg/L	20.90 NTU	85.9 mV	28.33 ft	150.0 ml/min
11/12/2025 1:35 PM	30:00	5.974 pH	20.92 °C	272.7 µS/cm	0.224 mg/L	20.90 NTU	81.5 mV	28.58 ft	150.0 ml/min
11/12/2025 1:40 PM	35:00	5.986 pH	20.78 °C	312.9 µS/cm	0.242 mg/L	27.70 NTU	77.1 mV	28.80 ft	150.0 ml/min
11/12/2025 1:45 PM	40:00	5.967 pH	21.13 °C	262.6 µS/cm	0.255 mg/L	27.80 NTU	79.0 mV	28.95 ft	150.0 ml/min
11/12/2025 1:50 PM	45:00	5.968 pH	21.10 °C	273.4 µS/cm	0.256 mg/L	24.00 NTU	76.9 mV	29.05 ft	150.0 ml/min
11/12/2025 1:55 PM	50:00	5.983 pH	21.00 °C	284.5 µS/cm	0.270 mg/L	20.90 NTU	72.7 mV	29.18 ft	150.0 ml/min
11/12/2025 2:00 PM	55:00	5.986 pH	21.18 °C	291.8 µS/cm	0.288 mg/L	21.40 NTU	68.0 mV	29.18 ft	150.0 ml/min
11/12/2025 2:05 PM	01:00:00	5.991 pH	21.16 °C	301.3 µS/cm	0.296 mg/L	19.50 NTU	62.9 mV	29.18 ft	150.0 ml/min
11/12/2025 2:10 PM	01:05:00	5.998 pH	21.10 °C	308.7 µS/cm	0.314 mg/L	18.40 NTU	57.8 mV	29.18 ft	150.0 ml/min
11/12/2025 2:15 PM	01:10:00	5.998 pH	21.27 °C	315.5 µS/cm	0.297 mg/L	16.70 NTU	52.7 mV	29.18 ft	150.0 ml/min

11/12/2025 2:20 PM	01:15:00	6.009 pH	21.40 °C	323.1 µS/cm	0.282 mg/L	17.30 NTU	48.0 mV	29.18 ft	150.0 ml/min
11/12/2025 2:25 PM	01:20:00	6.011 pH	21.66 °C	329.6 µS/cm	0.274 mg/L	13.60 NTU	43.4 mV	29.18 ft	150.0 ml/min
11/12/2025 2:30 PM	01:25:00	6.012 pH	21.71 °C	329.3 µS/cm	0.271 mg/L	11.10 NTU	39.4 mV	29.18 ft	150.0 ml/min
11/12/2025 2:35 PM	01:30:00	6.010 pH	21.51 °C	334.1 µS/cm	0.255 mg/L	9.480 NTU	36.5 mV	29.18 ft	150.0 ml/min
11/12/2025 2:40 PM	01:35:00	6.024 pH	21.41 °C	341.6 µS/cm	0.267 mg/L	9.970 NTU	33.4 mV	29.18 ft	150.0 ml/min
11/12/2025 2:45 PM	01:40:00	6.025 pH	21.55 °C	346.1 µS/cm	0.215 mg/L	6.930 NTU	31.2 mV	29.18 ft	150.0 ml/min
11/12/2025 2:50 PM	01:45:00	6.031 pH	21.68 °C	351.8 µS/cm	0.206 mg/L	8.280 NTU	28.5 mV	29.18 ft	150.0 ml/min
11/12/2025 2:55 PM	01:50:00	6.031 pH	21.57 °C	358.1 µS/cm	0.191 mg/L	7.050 NTU	26.6 mV	29.18 ft	150.0 ml/min
11/12/2025 3:00 PM	01:55:00	6.034 pH	21.39 °C	353.6 µS/cm	0.163 mg/L	6.680 NTU	24.9 mV	29.18 ft	150.0 ml/min
11/12/2025 3:05 PM	02:00:00	6.044 pH	21.34 °C	357.4 µS/cm	0.169 mg/L	6.130 NTU	23.4 mV	29.18 ft	150.0 ml/min
11/12/2025 3:10 PM	02:05:00	6.043 pH	21.32 °C	360.7 µS/cm	0.159 mg/L	7.230 NTU	22.2 mV	29.18 ft	150.0 ml/min
11/12/2025 3:15 PM	02:10:00	6.044 pH	21.41 °C	364.4 µS/cm	0.150 mg/L	5.800 NTU	20.9 mV	29.18 ft	150.0 ml/min
11/12/2025 3:20 PM	02:15:00	6.043 pH	21.21 °C	368.8 µS/cm	0.133 mg/L	6.140 NTU	19.9 mV	29.18 ft	150.0 ml/min
11/12/2025 3:25 PM	02:20:00	6.049 pH	21.08 °C	370.7 µS/cm	0.138 mg/L	5.810 NTU	19.0 mV	29.18 ft	150.0 ml/min
11/12/2025 3:30 PM	02:25:00	6.055 pH	20.90 °C	374.8 µS/cm	0.132 mg/L	5.720 NTU	18.0 mV	29.18 ft	150.0 ml/min
11/12/2025 3:35 PM	02:30:00	6.057 pH	20.75 °C	377.6 µS/cm	0.128 mg/L	5.670 NTU	17.2 mV	29.18 ft	150.0 ml/min
11/12/2025 3:40 PM	02:35:00	6.059 pH	20.61 °C	379.3 µS/cm	0.132 mg/L	5.030 NTU	16.5 mV	29.18 ft	150.0 ml/min
11/12/2025 3:45 PM	02:40:00	6.065 pH	20.43 °C	382.8 µS/cm	0.127 mg/L	4.800 NTU	15.7 mV	29.18 ft	150.0 ml/min
11/12/2025 3:50 PM	02:45:00	6.070 pH	20.54 °C	386.6 µS/cm	0.128 mg/L	4.800 NTU	14.6 mV	29.18 ft	150.0 ml/min
11/12/2025 3:55 PM	02:50:00	6.073 pH	20.32 °C	389.2 µS/cm	0.131 mg/L	4.400 NTU	14.1 mV	29.18 ft	150.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 11/13/2025 8:32:26 AM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

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: 32.91 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: 16 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 21.84 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 1112. Sunny, 50 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	
11/13/2025 8:32 AM	00:00	4.360 pH	14.62 °C	57.55 µS/cm	6.522 mg/L	176.0 NTU	166.5 mV	32.91 ft	100.0 ml/min
11/13/2025 8:37 AM	05:00	4.301 pH	14.88 °C	42.82 µS/cm	5.975 mg/L	160.0 NTU	155.7 mV	33.25 ft	100.0 ml/min
11/13/2025 8:42 AM	10:00	4.306 pH	15.51 °C	43.85 µS/cm	5.955 mg/L	98.00 NTU	158.6 mV	33.45 ft	100.0 ml/min
11/13/2025 8:47 AM	15:00	4.347 pH	16.10 °C	43.19 µS/cm	6.018 mg/L	59.70 NTU	163.0 mV	33.51 ft	100.0 ml/min
11/13/2025 8:52 AM	20:00	4.278 pH	16.05 °C	42.89 µS/cm	6.082 mg/L	60.30 NTU	165.0 mV	33.66 ft	100.0 ml/min
11/13/2025 8:57 AM	25:00	4.315 pH	16.11 °C	42.25 µS/cm	6.094 mg/L	59.90 NTU	165.7 mV	33.85 ft	100.0 ml/min
11/13/2025 9:02 AM	30:00	4.195 pH	16.35 °C	41.77 µS/cm	6.155 mg/L	50.60 NTU	177.4 mV	33.99 ft	100.0 ml/min
11/13/2025 9:07 AM	35:00	4.415 pH	16.59 °C	42.04 µS/cm	6.106 mg/L	41.00 NTU	166.9 mV	34.04 ft	100.0 ml/min
11/13/2025 9:12 AM	40:00	4.472 pH	16.41 °C	42.09 µS/cm	6.089 mg/L	39.10 NTU	166.1 mV	34.10 ft	100.0 ml/min
11/13/2025 9:17 AM	45:00	4.451 pH	16.53 °C	41.69 µS/cm	6.073 mg/L	31.50 NTU	169.2 mV	34.16 ft	100.0 ml/min
11/13/2025 9:22 AM	50:00	4.476 pH	16.60 °C	42.04 µS/cm	6.043 mg/L	28.70 NTU	169.1 mV	34.25 ft	100.0 ml/min
11/13/2025 9:27 AM	55:00	4.372 pH	16.65 °C	41.42 µS/cm	5.996 mg/L	22.70 NTU	177.0 mV	34.32 ft	100.0 ml/min
11/13/2025 9:32 AM	01:00:00	4.447 pH	16.60 °C	41.23 µS/cm	5.951 mg/L	20.30 NTU	172.2 mV	34.39 ft	100.0 ml/min
11/13/2025 9:37 AM	01:05:00	4.448 pH	16.89 °C	41.11 µS/cm	5.916 mg/L	19.20 NTU	172.9 mV	34.51 ft	100.0 ml/min
11/13/2025 9:42 AM	01:10:00	4.433 pH	16.94 °C	41.19 µS/cm	5.876 mg/L	18.40 NTU	174.0 mV	34.53 ft	100.0 ml/min

11/13/2025 9:47 AM	01:15:00	4.432 pH	17.07 °C	40.73 µS/cm	5.822 mg/L	16.60 NTU	175.4 mV	34.55 ft	100.0 ml/min
11/13/2025 9:52 AM	01:20:00	4.387 pH	17.45 °C	40.60 µS/cm	5.770 mg/L	15.60 NTU	178.5 mV	34.56 ft	100.0 ml/min
11/13/2025 9:57 AM	01:25:00	4.345 pH	17.53 °C	40.48 µS/cm	5.706 mg/L	12.80 NTU	181.1 mV	34.58 ft	100.0 ml/min
11/13/2025 10:02 AM	01:30:00	4.481 pH	17.76 °C	40.49 µS/cm	5.707 mg/L	13.50 NTU	174.2 mV	34.60 ft	100.0 ml/min
11/13/2025 10:07 AM	01:35:00	4.453 pH	17.80 °C	40.45 µS/cm	5.659 mg/L	11.50 NTU	176.8 mV	34.60 ft	100.0 ml/min
11/13/2025 10:12 AM	01:40:00	4.459 pH	17.72 °C	40.24 µS/cm	5.613 mg/L	11.00 NTU	176.9 mV	34.62 ft	100.0 ml/min
11/13/2025 10:17 AM	01:45:00	4.482 pH	17.62 °C	40.30 µS/cm	5.611 mg/L	10.40 NTU	177.4 mV	34.64 ft	100.0 ml/min
11/13/2025 10:22 AM	01:50:00	4.470 pH	17.55 °C	40.19 µS/cm	5.614 mg/L	10.80 NTU	178.7 mV	34.66 ft	100.0 ml/min
11/13/2025 10:27 AM	01:55:00	4.423 pH	17.61 °C	40.08 µS/cm	5.618 mg/L	9.750 NTU	181.9 mV	34.67 ft	100.0 ml/min
11/13/2025 10:32 AM	02:00:00	4.451 pH	17.61 °C	40.12 µS/cm	5.611 mg/L	9.870 NTU	180.6 mV	34.68 ft	100.0 ml/min
11/13/2025 10:37 AM	02:05:00	4.513 pH	17.67 °C	40.16 µS/cm	5.607 mg/L	9.270 NTU	179.0 mV	34.69 ft	100.0 ml/min
11/13/2025 10:42 AM	02:10:00	4.464 pH	17.71 °C	40.05 µS/cm	5.612 mg/L	9.050 NTU	181.9 mV	34.70 ft	100.0 ml/min
11/13/2025 10:47 AM	02:15:00	4.457 pH	17.82 °C	40.03 µS/cm	5.606 mg/L	6.770 NTU	183.1 mV	34.71 ft	100.0 ml/min
11/13/2025 10:52 AM	02:20:00	4.471 pH	17.88 °C	40.00 µS/cm	5.607 mg/L	6.730 NTU	184.0 mV	34.72 ft	100.0 ml/min
11/13/2025 10:57 AM	02:25:00	4.442 pH	17.79 °C	39.93 µS/cm	5.595 mg/L	7.460 NTU	186.5 mV	34.73 ft	100.0 ml/min
11/13/2025 11:02 AM	02:30:00	4.458 pH	17.69 °C	40.00 µS/cm	5.593 mg/L	6.170 NTU	187.1 mV	34.73 ft	100.0 ml/min
11/13/2025 11:07 AM	02:35:00	4.488 pH	17.61 °C	39.90 µS/cm	5.588 mg/L	5.250 NTU	187.1 mV	34.73 ft	100.0 ml/min
11/13/2025 11:12 AM	02:40:00	4.468 pH	17.66 °C	39.88 µS/cm	5.591 mg/L	4.640 NTU	189.3 mV	34.73 ft	100.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 11/11/2025 9:32:45 AM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

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: 28.08 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: 14 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 28.44 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 1042. Sunny, 36 degrees F.
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	+/- 0.3	
11/11/2025 9:32 AM	00:00	5.912 pH	9.783 °C	138.4 µS/cm	6.540 mg/L	26.30 NTU	136.9 mV	28.08 ft	200.0 ml/min
11/11/2025 9:37 AM	05:00	4.945 pH	12.75 °C	51.94 µS/cm	2.811 mg/L	18.80 NTU	122.5 mV	29.72 ft	200.0 ml/min
11/11/2025 9:42 AM	10:00	4.856 pH	13.06 °C	46.24 µS/cm	2.784 mg/L	50.10 NTU	111.0 mV	29.72 ft	200.0 ml/min
11/11/2025 9:47 AM	15:00	4.836 pH	12.96 °C	49.08 µS/cm	2.751 mg/L	38.40 NTU	100.1 mV	30.32 ft	200.0 ml/min
11/11/2025 9:52 AM	20:00	4.822 pH	13.46 °C	49.11 µS/cm	2.716 mg/L	25.50 NTU	96.2 mV	30.40 ft	200.0 ml/min
11/11/2025 9:57 AM	25:00	4.791 pH	12.91 °C	47.64 µS/cm	2.687 mg/L	20.30 NTU	93.4 mV	30.44 ft	200.0 ml/min
11/11/2025 10:02 AM	30:00	4.765 pH	13.37 °C	46.44 µS/cm	2.671 mg/L	15.00 NTU	92.3 mV	30.44 ft	200.0 ml/min
11/11/2025 10:07 AM	35:00	4.757 pH	13.16 °C	45.79 µS/cm	2.518 mg/L	14.90 NTU	90.2 mV	30.45 ft	200.0 ml/min
11/11/2025 10:12 AM	40:00	4.748 pH	13.08 °C	46.00 µS/cm	2.506 mg/L	14.20 NTU	90.6 mV	30.45 ft	200.0 ml/min
11/11/2025 10:17 AM	45:00	4.736 pH	13.26 °C	46.08 µS/cm	2.465 mg/L	11.50 NTU	90.1 mV	30.45 ft	200.0 ml/min
11/11/2025 10:22 AM	50:00	4.718 pH	13.33 °C	46.02 µS/cm	2.480 mg/L	9.570 NTU	90.4 mV	30.45 ft	200.0 ml/min
11/11/2025 10:27 AM	55:00	4.725 pH	13.57 °C	46.55 µS/cm	2.350 mg/L	8.690 NTU	90.2 mV	30.45 ft	200.0 ml/min
11/11/2025 10:32 AM	01:00:00	4.718 pH	13.69 °C	47.11 µS/cm	2.350 mg/L	4.440 NTU	91.0 mV	30.45 ft	200.0 ml/min
11/11/2025 10:37 AM	01:05:00	4.725 pH	13.33 °C	47.44 µS/cm	2.331 mg/L	3.000 NTU	90.9 mV	30.45 ft	200.0 ml/min

11/11/2025 10:42 AM	01:10:00	4.714 pH	13.60 °C	48.02 µS/cm	2.254 mg/L	2.750 NTU	91.1 mV	30.45 ft	200.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 11/12/2025 9:00:34 AM
Project: Plant Wansley Ash Pond
Operator Name: C.Klamke

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: 31.39 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: 0.1 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0.5 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Purged dry, allowing overnight recharge. Came back next day 11-13, no recharge - well dry.

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	
11/12/2025 9:00 AM	00:00	5.240 pH	10.64 °C	183.5 µS/cm	9.397 mg/L	45.20 NTU	197.6 mV	31.39 ft	100.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 11/10/2025 1:36:05 PM
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: 20.22 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: 15 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 300 ml/min** **Final Draw Down: 22.8 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time1426. Sunny, 40 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	
11/10/2025 1:36 PM	00:00	4.946 pH	17.21 °C	52.87 µS/cm	4.677 mg/L	5.110 NTU	111.6 mV	20.22 ft	300.0 ml/min
11/10/2025 1:41 PM	05:00	4.848 pH	17.02 °C	52.24 µS/cm	4.137 mg/L	4.700 NTU	107.9 mV	21.75 ft	300.0 ml/min
11/10/2025 1:46 PM	10:00	4.931 pH	16.64 °C	52.36 µS/cm	4.107 mg/L	563.0 NTU	91.2 mV	21.93 ft	300.0 ml/min
11/10/2025 1:51 PM	15:00	4.865 pH	16.60 °C	52.47 µS/cm	4.130 mg/L	849.0 NTU	80.4 mV	22.07 ft	300.0 ml/min
11/10/2025 1:56 PM	20:00	4.880 pH	16.78 °C	52.49 µS/cm	4.092 mg/L	842.0 NTU	84.7 mV	22.07 ft	300.0 ml/min
11/10/2025 2:01 PM	25:00	4.852 pH	16.87 °C	52.22 µS/cm	4.103 mg/L	370.0 NTU	91.3 mV	22.10 ft	300.0 ml/min
11/10/2025 2:06 PM	30:00	4.838 pH	16.66 °C	51.56 µS/cm	4.122 mg/L	67.30 NTU	102.5 mV	22.12 ft	300.0 ml/min
11/10/2025 2:11 PM	35:00	4.838 pH	16.41 °C	51.55 µS/cm	4.186 mg/L	28.30 NTU	107.8 mV	22.12 ft	300.0 ml/min
11/10/2025 2:16 PM	40:00	4.830 pH	16.42 °C	51.66 µS/cm	4.178 mg/L	4.670 NTU	107.6 mV	22.12 ft	300.0 ml/min
11/10/2025 2:21 PM	45:00	4.797 pH	16.51 °C	52.05 µS/cm	4.150 mg/L	3.940 NTU	113.2 mV	22.12 ft	300.0 ml/min
11/10/2025 2:26 PM	50:00	4.811 pH	16.86 °C	54.28 µS/cm	4.027 mg/L	3.590 NTU	115.4 mV	22.12 ft	300.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 11/13/2025 2:58:03 PM
Project: Plant Wansley Ash Pond
Operator Name: Dever Johnson

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: 33.82 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Pump Intake From TOC: 204 ft** **Estimated Total Volume Pumped: 4922.5 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 5.44 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
sample time 1533. 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	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
11/13/2025 2:58 PM	00:00	6.794 pH	33.85 °C	2,731 µS/cm	4.022 mg/L	12.70 NTU	-81.4 mV	33.82 ft	100.0 ml/min
11/13/2025 3:03 PM	05:00	6.865 pH	24.83 °C	2,720 µS/cm	2.209 mg/L	9.990 NTU	-85.1 mV	35.62 ft	125.0 ml/min
11/13/2025 3:08 PM	10:00	6.863 pH	22.69 °C	2,755 µS/cm	1.700 mg/L	8.610 NTU	-90.8 mV	39.11 ft	150.0 ml/min
11/13/2025 3:13 PM	15:00	6.853 pH	21.90 °C	2,801 µS/cm	1.265 mg/L	4.700 NTU	-97.5 mV	39.17 ft	150.0 ml/min
11/13/2025 3:18 PM	20:19	6.857 pH	21.79 °C	2,808 µS/cm	1.055 mg/L	2.620 NTU	-101.3 mV	39.20 ft	150.0 ml/min
11/13/2025 3:23 PM	25:19	6.869 pH	21.59 °C	2,812 µS/cm	0.940 mg/L	2.250 NTU	-104.6 mV	39.22 ft	150.0 ml/min
11/13/2025 3:28 PM	30:19	6.892 pH	21.51 °C	2,815 µS/cm	0.854 mg/L	2.150 NTU	-107.2 mV	39.24 ft	150.0 ml/min
11/13/2025 3:33 PM	35:19	6.907 pH	21.42 °C	2,814 µS/cm	0.775 mg/L	1.960 NTU	-109.9 mV	39.26 ft	150.0 ml/min

Samples

Sample ID:	Description:

Calibration Report

Instrument	Aqua TROLL 400
Serial Number	1120055
Created	2/12/2025

Sensor	**RDO**
Serial Number	1114677
Last Calibrated	2/12/2025

Calibration Details

Slope	1.0353734
Offset	-0.00 mg/L

Calibration point 100%

Concentration	11.67 mg/L
Temperature	6.00 °C
Barometric Pressure	983.98 mbar

Sensor	**Conductivity**
Serial Number	1120055
Last Calibrated	2/12/2025

Calibration Details

Offset	0.00 µS/cm
Cell Constant	0.803
Reference Temperature	25.00 °C
TDS Conversion Factor (ppm)	0.65

Sensor	**Level**
Serial Number	1117461
Last Calibrated	Factory Defaults

Sensor	**pH/ORP**
Serial Number	22654
Last Calibrated	2/12/2025

Calibration Details

Total Calibration Points	3

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	158.2 mV
Temperature	7.05 °C

Calibration Point 2

pH of Buffer	7.06 pH
pH mV	-6.3 mV
Temperature	6.92 °C

Calibration Point 3

pH of Buffer	10.14 pH
pH mV	-163.7 mV
Temperature	6.86 °C

Slope and Offset 1

Slope	-53.78 mV/pH
Offset	-3.1 mV

Slope and Offset 2

Slope	-51.1 mV/pH
Offset	-3.3 mV

ORP

ORP Solution	ORP Standard
Offset	-20.0 mV
Temperature	7.14 °C

Calibration Report

Instrument	Aqua TROLL 400
Serial Number	884189
Created	2/10/2025

Sensor	**RDO**
Serial Number	1114594
Last Calibrated	Factory Defaults

Sensor	**Conductivity**
Serial Number	884189
Last Calibrated	2/10/2025

Calibration Details

Offset	0.00 µS/cm
Cell Constant	0.848
Reference Temperature	25.00 °C
TDS Conversion Factor (ppm)	0.65

Sensor	**Level**
Serial Number	879249
Last Calibrated	Factory Defaults

Sensor	**pH/ORP**
Serial Number	21633
Last Calibrated	2/10/2025

Calibration Details

Total Calibration Points	3

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	161.6 mV
Temperature	17.99 °C

Calibration Point 2

pH of Buffer	7.04 pH
pH mV	-12.9 mV
Temperature	15.44 °C

Calibration Point 3

pH of Buffer	10.11 pH
pH mV	-179.1 mV
Temperature	16.13 °C

Slope and Offset 1

Slope	-57.4 mV/pH
Offset	-10.6 mV

Slope and Offset 2

Slope	-54.15 mV/pH
Offset	-10.7 mV

ORP

ORP Solution	Quick Cal
Offset	0.0 mV
Temperature	25.00 °C

Calibration Report

Instrument	Aqua TROLL 400
Serial Number	884189
Created	2/11/2025

Sensor	**RDO**
Serial Number	1114594
Last Calibrated	2/11/2025

Calibration Details

Slope	1.1307456
Offset	-0.00 mg/L

Calibration point 100%

Concentration	9.04 mg/L
Temperature	13.48 °C
Barometric Pressure	993.58 mbar

Sensor	**Conductivity**
Serial Number	884189
Last Calibrated	2/11/2025

Calibration Details

Offset	0.00 µS/cm
Cell Constant	0.965
Reference Temperature	25.00 °C
TDS Conversion Factor (ppm)	0.65

Sensor	**Level**
Serial Number	879249
Last Calibrated	Factory Defaults

Sensor	**pH/ORP**
Serial Number	21633
Last Calibrated	2/11/2025

Calibration Details

Total Calibration Points	3

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	155.0 mV
Temperature	11.30 °C

Calibration Point 2

pH of Buffer	7.06 pH
pH mV	-14.6 mV
Temperature	10.73 °C

Calibration Point 3

pH of Buffer	10.14 pH
pH mV	-178.0 mV
Temperature	11.02 °C

Slope and Offset 1

Slope	-55.44 mV/pH
Offset	-11.3 mV

Slope and Offset 2

Slope	-53.03 mV/pH
Offset	-11.5 mV

ORP

ORP Solution	Zobell's
Offset	2.4 mV
Temperature	10.17 °C

Calibration Report

Instrument	Aqua TROLL 400
Serial Number	884189
Created	2/12/2025

Sensor	**RDO**
Serial Number	1114594
Last Calibrated	2/12/2025

Calibration Details

Slope	1.1237576
Offset	-0.00 mg/L

Calibration point 100%

Concentration	10.44 mg/L
Temperature	7.33 °C
Barometric Pressure	987.13 mbar

Sensor	**Conductivity**
Serial Number	884189
Last Calibrated	2/12/2025

Calibration Details

Offset	0.00 µS/cm
Cell Constant	0.869
Reference Temperature	25.00 °C
TDS Conversion Factor (ppm)	0.65

Sensor	**Level**
Serial Number	879249
Last Calibrated	Factory Defaults

Sensor	**pH/ORP**
Serial Number	21633
Last Calibrated	2/12/2025

Calibration Details

Total Calibration Points	3

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	154.7 mV
Temperature	7.13 °C

Calibration Point 2

pH of Buffer	7.06 pH
pH mV	-14.4 mV
Temperature	7.08 °C

Calibration Point 3

pH of Buffer	10.14 pH
pH mV	-175.1 mV
Temperature	7.07 °C

Slope and Offset 1

Slope	-55.26 mV/pH
Offset	-11.1 mV

Slope and Offset 2

Slope	-52.19 mV/pH
Offset	-11.3 mV

ORP

ORP Solution	Zobell's
Offset	2.4 mV
Temperature	10.17 °C

Calibration Report

Instrument	Aqua TROLL 400
Serial Number	884189
Created	2/13/2025

Sensor **RDO**

Serial Number	1114594
Last Calibrated	2/13/2025

Calibration Details

Slope	1.1220732
Offset	-0.00 mg/L

Calibration point 100%

Concentration	9.59 mg/L
Temperature	11.10 °C
Barometric Pressure	991.15 mbar

Sensor **Conductivity**

Serial Number	884189
Last Calibrated	2/13/2025

Calibration Details

Offset	0.00 µS/cm
Cell Constant	0.873
Reference Temperature	25.00 °C
TDS Conversion Factor (ppm)	0.65

Sensor **Level**

Serial Number	879249
Last Calibrated	Factory Defaults

Sensor	**pH/ORP**
Serial Number	21633
Last Calibrated	2/13/2025

Calibration Details

Total Calibration Points	3

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	148.5 mV
Temperature	10.26 °C

Calibration Point 2

pH of Buffer	7.06 pH
pH mV	-9.6 mV
Temperature	10.88 °C

Calibration Point 3

pH of Buffer	10.14 pH
pH mV	-178.5 mV
Temperature	10.36 °C

Slope and Offset 1

Slope	-51.68 mV/pH
Offset	-6.5 mV

Slope and Offset 2

Slope	-54.85 mV/pH
Offset	-6.3 mV

ORP

ORP Solution	Zobell's
Offset	2.4 mV
Temperature	10.17 °C

Calibration Report

Instrument	Aqua TROLL 400
Serial Number	1170046
Created	2/12/2025

Sensor	**RDO**
Serial Number	1165124
Last Calibrated	2/12/2025

Calibration Details

Slope	0.9177589
Offset	-0.00 mg/L

Calibration point 100%

Concentration	13.24 mg/L
Temperature	5.32 °C
Barometric Pressure	985.79 mbar

Sensor	**Conductivity**
Serial Number	1170046
Last Calibrated	2/12/2025

Calibration Details

Offset	0.00 µS/cm
Cell Constant	0.948
Reference Temperature	20.00 °C
TDS Conversion Factor (ppm)	0.65

Sensor	**Level**
Serial Number	1167507
Last Calibrated	Factory Defaults

Sensor	**pH/ORP**
Serial Number	22818
Last Calibrated	2/12/2025

Calibration Details

Total Calibration Points	3

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	158.5 mV
Temperature	5.32 °C

Calibration Point 2

pH of Buffer	7.06 pH
pH mV	-12.3 mV
Temperature	6.62 °C

Calibration Point 3

pH of Buffer	10.14 pH
pH mV	-170.2 mV
Temperature	6.25 °C

Slope and Offset 1

Slope	-55.81 mV/pH
Offset	-8.9 mV

Slope and Offset 2

Slope	-51.28 mV/pH
Offset	-9.2 mV

ORP

ORP Solution	ORP Standard
Offset	-19.9 mV
Temperature	5.96 °C

Calibration Report

Instrument	Aqua TROLL 400
Serial Number	989619
Created	2/11/2025

Sensor	**RDO**
Serial Number	1144824
Last Calibrated	2/11/2025

Calibration Details

Slope	1.0139316
Offset	-0.00 mg/L

Calibration point 100%

Concentration	10.23 mg/L
Temperature	12.79 °C
Barometric Pressure	993.23 mbar

Sensor	**Conductivity**
Serial Number	989619
Last Calibrated	2/11/2025

Calibration Details

Offset	0.00 µS/cm
Cell Constant	0.698
Reference Temperature	20.00 °C
TDS Conversion Factor (ppm)	0.65

Sensor	**Level**
Serial Number	991190
Last Calibrated	Factory Defaults

Sensor	**pH/ORP**
Serial Number	22096
Last Calibrated	2/11/2025

Calibration Details

Total Calibration Points	3

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	147.7 mV
Temperature	10.25 °C

Calibration Point 2

pH of Buffer	7.06 pH
pH mV	5.5 mV
Temperature	9.17 °C

Calibration Point 3

pH of Buffer	10.14 pH
pH mV	-167.3 mV
Temperature	8.41 °C

Slope and Offset 1

Slope	-46.45 mV/pH
Offset	8.3 mV

Slope and Offset 2

Slope	-56.11 mV/pH
Offset	8.9 mV

ORP

ORP Solution	Zobell's
Offset	4.1 mV
Temperature	7.60 °C

Calibration Report

Instrument	Aqua TROLL 400
Serial Number	989619
Created	2/10/2025

Sensor	**RDO**
Serial Number	1144824
Last Calibrated	2/10/2025

Calibration Details

Slope	1.0651127
Offset	-0.00 mg/L

Calibration point 100%

Concentration	9.23 mg/L
Temperature	15.47 °C
Barometric Pressure	998.12 mbar

Sensor	**Conductivity**
Serial Number	989619
Last Calibrated	2/10/2025

Calibration Details

Offset	0.00 µS/cm
Cell Constant	0.702
Reference Temperature	25.00 °C
TDS Conversion Factor (ppm)	0.65

Sensor	**Level**
Serial Number	991190
Last Calibrated	Factory Defaults

Sensor	**pH/ORP**
Serial Number	22096
Last Calibrated	2/10/2025

Calibration Details

Total Calibration Points	3

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	153.6 mV
Temperature	13.57 °C

Calibration Point 2

pH of Buffer	7.04 pH
pH mV	10.9 mV
Temperature	13.15 °C

Calibration Point 3

pH of Buffer	10.11 pH
pH mV	-163.3 mV
Temperature	12.68 °C

Slope and Offset 1

Slope	-46.93 mV/pH
Offset	12.8 mV

Slope and Offset 2

Slope	-56.76 mV/pH
Offset	13.2 mV

ORP

ORP Solution	Zobell's
Offset	3.7 mV
Temperature	12.37 °C

Calibration Report

Instrument	Aqua TROLL 400
Serial Number	989619
Created	2/11/2025

Sensor	**RDO**
Serial Number	1144824
Last Calibrated	2/11/2025

Calibration Details

Slope	1.0139316
Offset	-0.00 mg/L

Calibration point 100%

Concentration	10.23 mg/L
Temperature	12.79 °C
Barometric Pressure	993.23 mbar

Sensor	**Conductivity**
Serial Number	989619
Last Calibrated	2/11/2025

Calibration Details

Offset	0.00 µS/cm
Cell Constant	0.775
Reference Temperature	20.00 °C
TDS Conversion Factor (ppm)	0.65

Sensor	**Level**
Serial Number	991190
Last Calibrated	Factory Defaults

Sensor	**pH/ORP**
Serial Number	22096
Last Calibrated	2/11/2025

Calibration Details

Total Calibration Points	3

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	150.8 mV
Temperature	10.44 °C

Calibration Point 2

pH of Buffer	7.06 pH
pH mV	-15.8 mV
Temperature	9.53 °C

Calibration Point 3

pH of Buffer	10.14 pH
pH mV	-174.6 mV
Temperature	9.85 °C

Slope and Offset 1

Slope	-54.46 mV/pH
Offset	-12.6 mV

Slope and Offset 2

Slope	-51.54 mV/pH
Offset	-12.7 mV

ORP

ORP Solution	Zobell's
Offset	4.1 mV
Temperature	7.60 °C

Calibration Report

Instrument	Aqua TROLL 500
Serial Number	1183949
Created	2/10/2025

Sensor	**Conductivity**
Serial Number	1182771
Last Calibrated	2/10/2025

Calibration Details

TDS Conversion Factor (ppm)	0.65
Cell Constant	0.907
Offset	0.00 µS/cm
Reference Temperature	25.00 °C

Calibration Point 1

Pre Measurement

Actual Conductivity	1,200.7 µS/cm
Specific Conductivity	1,419.2 µS/cm

Post Measurement

Actual Conductivity	1,195.5 µS/cm
Specific Conductivity	1,413.0 µS/cm

Sensor	**pH/ORP**
Serial Number	1113144
Last Calibrated	2/10/2025

Calibration Details

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	151.7 mV
Temperature	16.65 °C

Pre Measurement

pH	3.96 pH
pH mV	151.6 mV

Post Measurement

pH	4.00 pH
pH mV	147.4 mV

Calibration Point 2

pH of Buffer	7.04 pH
pH mV	-5.7 mV
Temperature	16.44 °C

Pre Measurement

pH	6.90 pH
pH mV	-5.6 mV

Post Measurement

pH	7.04 pH
pH mV	-5.6 mV

Calibration Point 3

pH of Buffer	10.11 pH
pH mV	-174.1 mV
Temperature	16.53 °C

Pre Measurement

pH	10.21 pH
pH mV	-174.0 mV

Post Measurement

pH	10.11 pH
pH mV	-169.2 mV

Slope and Offset 1

Slope	-51.78 mV/pH
Offset	-3.7 mV

Slope and Offset 2

Slope	-54.85 mV/pH

Offset	-3.5 mV

ORP

ORP Solution	Zobell's
Offset	-4.1 mV
Temperature	17.26 °C
Pre Measurement	235.4 mV
Post Measurement	239.2 mV

Sensor	**RDO**
Serial Number	1171170
Last Calibrated	2/10/2025

Calibration Details

Slope	1.0266192
Offset	-0.00 mg/L

Calibration point 100%

Concentration	9.12 mg/L
Pre Measurement	98.60 %Sat
Post Measurement	100.00 %Sat
Temperature	17.68 °C
Barometric Pressure	995.96 mbar

Calibration Report

Instrument	Aqua TROLL 500
Serial Number	1183949
Created	2/11/2025

Sensor	**Conductivity**
Serial Number	1182771
Last Calibrated	2/11/2025

Calibration Details

TDS Conversion Factor (ppm)	0.65
Cell Constant	0.82
Offset	0.00 µS/cm
Reference Temperature	25.00 °C

Calibration Point 1

Pre Measurement

Actual Conductivity	1,132.4 µS/cm
Specific Conductivity	1,563.4 µS/cm

Post Measurement

Actual Conductivity	1,023.5 µS/cm
Specific Conductivity	1,413.0 µS/cm

Sensor	**pH/ORP**
Serial Number	1113144
Last Calibrated	2/11/2025

Calibration Details

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	171.3 mV
Temperature	10.77 °C

Pre Measurement

pH	4.11 pH
pH mV	171.4 mV

Post Measurement

pH	4.00 pH
pH mV	163.1 mV

Calibration Point 2

pH of Buffer	7.06 pH
pH mV	8.1 mV
Temperature	10.47 °C

Pre Measurement

pH	6.91 pH
pH mV	7.9 mV

Post Measurement

pH	7.06 pH
pH mV	7.7 mV

Calibration Point 3

pH of Buffer	10.14 pH
pH mV	-152.1 mV
Temperature	10.65 °C

Pre Measurement

pH	10.27 pH
pH mV	-151.8 mV

Post Measurement

pH	10.14 pH
pH mV	-144.8 mV

Slope and Offset 1

Slope	-53.35 mV/pH
Offset	11.3 mV

Slope and Offset 2

Slope	-52 mV/pH

Offset	11.2 mV

ORP

ORP Solution	Zobell's
Offset	-23.5 mV
Temperature	10.61 °C
Pre Measurement	251.2 mV
Post Measurement	247.9 mV

Sensor	**RDO**
Serial Number	1171170
Last Calibrated	2/11/2025

Calibration Details

Slope	1.0160357
Offset	-0.00 mg/L

Calibration point 100%

Concentration	10.78 mg/L
Pre Measurement	101.09 %Sat
Post Measurement	100.00 %Sat
Temperature	10.33 °C
Barometric Pressure	991.56 mbar

Calibration Report

Instrument	Aqua TROLL 500
Serial Number	1183949
Created	2/12/2025

Sensor	**Conductivity**
Serial Number	1182771
Last Calibrated	2/12/2025

Calibration Details

TDS Conversion Factor (ppm)	0.65
Cell Constant	0.851
Offset	0.00 µS/cm
Reference Temperature	25.00 °C

Calibration Point 1

Pre Measurement

Actual Conductivity	864.38 µS/cm
Specific Conductivity	1,361.1 µS/cm

Post Measurement

Actual Conductivity	897.35 µS/cm
Specific Conductivity	1,413.0 µS/cm

Sensor	**pH/ORP**
Serial Number	1113144
Last Calibrated	2/12/2025

Calibration Details

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	151.4 mV
Temperature	6.39 °C

Pre Measurement

pH	4.14 pH
pH mV	151.4 mV

Post Measurement

pH	4.00 pH
pH mV	142.0 mV

Calibration Point 2

pH of Buffer	7.06 pH
pH mV	-10.2 mV
Temperature	6.06 °C

Pre Measurement

pH	7.21 pH
pH mV	-10.4 mV

Post Measurement

pH	7.06 pH
pH mV	-9.6 mV

Calibration Point 3

pH of Buffer	10.14 pH
pH mV	-166.9 mV
Temperature	6.22 °C

Pre Measurement

pH	10.30 pH
pH mV	-166.7 mV

Post Measurement

pH	10.14 pH
pH mV	-156.4 mV

Slope and Offset 1

Slope	-52.82 mV/pH
Offset	-7.1 mV

Slope and Offset 2

Slope	-50.88 mV/pH

Offset	-7.2 mV

ORP

ORP Solution	Zobell's
Offset	-12.1 mV
Temperature	5.86 °C
Pre Measurement	249.4 mV
Post Measurement	254.1 mV

Sensor	**RDO**
Serial Number	1171170
Last Calibrated	2/12/2025

Calibration Details

Slope	1.0222183
Offset	-0.00 mg/L

Calibration point 100%

Concentration	11.09 mg/L
Pre Measurement	99.33 %Sat
Post Measurement	100.00 %Sat
Temperature	8.68 °C
Barometric Pressure	986.70 mbar

Calibration Report

Instrument	Aqua TROLL 500
Serial Number	1183949
Created	2/13/2025

Sensor	**Conductivity**
Serial Number	1182771
Last Calibrated	2/13/2025

Calibration Details

TDS Conversion Factor (ppm)	0.65
Cell Constant	0.842
Offset	0.00 µS/cm
Reference Temperature	25.00 °C

Calibration Point 1

Pre Measurement

Actual Conductivity	986.64 µS/cm
Specific Conductivity	1,427.1 µS/cm

Post Measurement

Actual Conductivity	976.87 µS/cm
Specific Conductivity	1,413.0 µS/cm

Sensor	**pH/ORP**
Serial Number	1113144
Last Calibrated	2/13/2025

Calibration Details

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	154.5 mV
Temperature	9.73 °C

Pre Measurement

pH	3.98 pH
pH mV	154.4 mV

Post Measurement

pH	4.00 pH
pH mV	146.6 mV

Calibration Point 2

pH of Buffer	7.06 pH
pH mV	-6.2 mV
Temperature	9.66 °C

Pre Measurement

pH	6.98 pH
pH mV	-6.1 mV

Post Measurement

pH	7.06 pH
pH mV	-5.8 mV

Calibration Point 3

pH of Buffer	10.14 pH
pH mV	-165.9 mV
Temperature	9.31 °C

Pre Measurement

pH	10.07 pH
pH mV	-165.4 mV

Post Measurement

pH	10.14 pH
pH mV	-157.1 mV

Slope and Offset 1

Slope	-52.49 mV/pH
Offset	-3.0 mV

Slope and Offset 2

Slope	-51.86 mV/pH

Offset	-3.0 mV

ORP

ORP Solution	Zobell's
Offset	-10.9 mV
Temperature	9.25 °C
Pre Measurement	234.3 mV
Post Measurement	249.7 mV

Sensor	**RDO**
Serial Number	1171170
Last Calibrated	2/13/2025

Calibration Details

Slope	1.0168191
Offset	-0.00 mg/L

Calibration point 100%

Concentration	10.12 mg/L
Pre Measurement	100.45 %Sat
Post Measurement	100.00 %Sat
Temperature	13.04 °C
Barometric Pressure	990.49 mbar

Calibration Report

Instrument	Aqua TROLL 400
Serial Number	989619
Created	2/12/2025

Sensor	**RDO**
Serial Number	1144824
Last Calibrated	2/12/2025

Calibration Details

Slope	0.953284
Offset	-0.00 mg/L

Calibration point 100%

Concentration	13.05 mg/L
Temperature	5.05 °C
Barometric Pressure	988.28 mbar

Sensor	**Conductivity**
Serial Number	989619
Last Calibrated	2/12/2025

Calibration Details

Offset	0.00 µS/cm
Cell Constant	0.934
Reference Temperature	25.00 °C
TDS Conversion Factor (ppm)	0.65

Sensor	**Level**
Serial Number	991190
Last Calibrated	Factory Defaults

Sensor	**pH/ORP**
Serial Number	22096
Last Calibrated	2/12/2025

Calibration Details

Total Calibration Points	3

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	150.8 mV
Temperature	5.64 °C

Calibration Point 2

pH of Buffer	7.06 pH
pH mV	-14.1 mV
Temperature	5.63 °C

Calibration Point 3

pH of Buffer	10.14 pH
pH mV	-177.6 mV
Temperature	5.39 °C

Slope and Offset 1

Slope	-53.89 mV/pH
Offset	-10.9 mV

Slope and Offset 2

Slope	-53.07 mV/pH
Offset	-10.9 mV

ORP

ORP Solution	ORP Standard
Offset	-13.7 mV
Temperature	5.27 °C

Calibration Report

Instrument	Aqua TROLL 400
Serial Number	989619
Created	2/13/2025

Sensor	**RDO**
Serial Number	1144824
Last Calibrated	2/13/2025

Calibration Details

Slope	0.9755691
Offset	-0.00 mg/L

Calibration point 100%

Concentration	11.60 mg/L
Temperature	8.97 °C
Barometric Pressure	991.24 mbar

Sensor	**Conductivity**
Serial Number	989619
Last Calibrated	2/13/2025

Calibration Details

Offset	0.00 µS/cm
Cell Constant	0.95
Reference Temperature	25.00 °C
TDS Conversion Factor (ppm)	0.65

Sensor	**Level**
Serial Number	991190
Last Calibrated	Factory Defaults

Sensor	**pH/ORP**
Serial Number	22096
Last Calibrated	2/13/2025

Calibration Details

Total Calibration Points	3

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	153.0 mV
Temperature	9.12 °C

Calibration Point 2

pH of Buffer	7.06 pH
pH mV	-11.0 mV
Temperature	9.21 °C

Calibration Point 3

pH of Buffer	10.14 pH
pH mV	-175.4 mV
Temperature	9.22 °C

Slope and Offset 1

Slope	-53.61 mV/pH
Offset	-7.8 mV

Slope and Offset 2

Slope	-53.39 mV/pH
Offset	-7.8 mV

ORP

ORP Solution	ORP Standard
Offset	-6.8 mV
Temperature	9.07 °C

Calibration Report

Instrument	Aqua TROLL 500
Serial Number	1183949
Created	4/7/2025

Sensor	**Conductivity**
Serial Number	1182771
Last Calibrated	4/7/2025

Calibration Details

TDS Conversion Factor (ppm)	0.65
Cell Constant	0.771
Offset	0.00 µS/cm
Reference Temperature	25.00 °C

Calibration Point 1

Pre Measurement

Actual Conductivity	1,093.5 µS/cm
Specific Conductivity	1,175.5 µS/cm

Post Measurement

Actual Conductivity	1,314.5 µS/cm
Specific Conductivity	1,413.0 µS/cm

Sensor	**pH/ORP**
Serial Number	1113144
Last Calibrated	4/7/2025

Calibration Details

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	153.0 mV
Temperature	21.38 °C

Pre Measurement

pH	4.11 pH
pH mV	151.7 mV

Post Measurement

pH	4.00 pH
pH mV	151.1 mV

Calibration Point 2

pH of Buffer	7.02 pH
pH mV	4.5 mV
Temperature	21.39 °C

Pre Measurement

pH	7.01 pH
pH mV	4.1 mV

Post Measurement

pH	7.02 pH
pH mV	4.4 mV

Calibration Point 3

pH of Buffer	10.05 pH
pH mV	-140.7 mV
Temperature	21.49 °C

Pre Measurement

pH	9.90 pH
pH mV	-140.7 mV

Post Measurement

pH	10.05 pH
pH mV	-139.0 mV

Slope and Offset 1

Slope	-49.16 mV/pH
Offset	5.5 mV

Slope and Offset 2

Slope	-47.9 mV/pH

Offset	5.4 mV

ORP

ORP Solution	ORP Standard
Offset	-12.5 mV
Temperature	21.36 °C
Pre Measurement	242.2 mV
Post Measurement	240.0 mV

Sensor	**RDO**
Serial Number	1171170
Last Calibrated	4/7/2025

Calibration Details

Slope	1.0211984
Offset	-0.00 mg/L

Calibration point 100%

Concentration	8.52 mg/L
Pre Measurement	97.98 %Sat
Post Measurement	100.00 %Sat
Temperature	20.63 °C
Barometric Pressure	982.44 mbar

Calibration Report

Instrument	Aqua TROLL 500
Serial Number	1183949
Created	6/4/2025

Sensor	**Conductivity**
Serial Number	1182771
Last Calibrated	6/4/2025

Calibration Details

TDS Conversion Factor (ppm)	0.65
Cell Constant	0.86
Offset	0.00 µS/cm
Reference Temperature	25.00 °C

Calibration Point 1

Pre Measurement

Actual Conductivity	1,580.9 µS/cm
Specific Conductivity	1,590.9 µS/cm

Post Measurement

Actual Conductivity	1,404.1 µS/cm
Specific Conductivity	1,413.0 µS/cm

Sensor	**pH/ORP**
Serial Number	1113144
Last Calibrated	6/4/2025

Calibration Details

Calibration Point 1

pH of Buffer	4.00 pH
pH mV	152.6 mV
Temperature	24.43 °C

Pre Measurement

pH	3.48 pH
pH mV	152.6 mV

Post Measurement

pH	4.00 pH
pH mV	152.3 mV

Calibration Point 2

pH of Buffer	7.00 pH
pH mV	-14.2 mV
Temperature	24.56 °C

Pre Measurement

pH	6.59 pH
pH mV	-14.2 mV

Post Measurement

pH	7.00 pH
pH mV	-14.1 mV

Calibration Point 3

pH of Buffer	10.00 pH
pH mV	-173.8 mV
Temperature	24.36 °C

Pre Measurement

pH	9.66 pH
pH mV	-173.5 mV

Post Measurement

pH	10.00 pH
pH mV	-173.4 mV

Slope and Offset 1

Slope	-55.59 mV/pH
Offset	-14.2 mV

Slope and Offset 2

Slope	-53.21 mV/pH
Offset	-14.2 mV

ORP

ORP Solution	ORP Standard
Offset	5.6 mV
Temperature	24.43 °C
Pre Measurement	229.7 mV
Post Measurement	240.0 mV

Sensor	**RDO**
Serial Number	1171170
Last Calibrated	6/4/2025

Calibration Details

Slope	0.9866612
Offset	-0.00 mg/L

Calibration point 100%

Concentration	8.30 mg/L
Pre Measurement	96.03 %Sat
Post Measurement	100.00 %Sat
Temperature	24.29 °C
Barometric Pressure	991.77 mbar

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Wansley AP

Date: 8/12/25

Calibrated By: J. Berisford

Field Conditions: cloudy

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll 400	114977/0
Turbidity Meter	HACH 2100 Q	12680D006803

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	56A0865	01/27	PINE
pH (SU)	7.00	464064	12/26	PINE
pH (SU)	10.00	466142	07/26	PINE
Specific Conductance (µS/cm)	1,413	56A0308	01/26	PINE
ORP (mV)	240.0	56A0447	10/25	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A4172	10/25	HACH
	20	A4183	10/25	HACH
	100	A4179	10/25	HACH

Calibration					
Time Start: 0750		**Time Finish:** 0807			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	98.23	29.37	± 10%	EPA 2023
pH (SU)	4.00	4.00	25.47	± 0.1	GWMP
pH (SU)	7.00	7.00	25.60	± 0.1	GWMP
pH (SU)	10.00	10.00	25.47	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1412	25.60	± 10% of standard	NA
ORP (mV)	240.0	242	25.57	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.47	± 10% of standard	EPA 2023
	10	9.47		
	20	20.6		
	100	99.3		

Calibration Check					
Time Start 1158		**Time Finish** 1209			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.06	25.62	± 0.1	GWMP
pH (SU)	7.00	7.05	25.47	± 0.1	GWMP
pH (SU)	10.00	9.92	24.87	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1491	24.33	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.32	± 10% of standard	EPA 2023
	10	9.95		
	20	20.4		
	100	102		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Wendy AP

Date: 8/13/25

Calibrated By: JBM

Field Conditions: Cloudy

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTrol 50	1183974
Turbidity Meter	HACH 2100Q	22080D000803

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	5GA6865	01/27	PINE
pH (SU)	7.00	4G4664	12/26	PINE
pH (SU)	10.00	4661192	07/26	PINE
Specific Conductance (µS/cm)	1,413	5G46368	01/26	PINE
ORP (mV)	240.0	5GA4447	10/25	PINE

	Standard	**Lot #**	**Date of Expiration**	**Brand**
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	H4772	10/25	HACH
	20	A4183	10/25	HACH
	100	A4179	10/25	HACH

Calibration					
Time Start: 0756		**Time Finish:** 0813			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	93.47	24.92	± 10%	EPA 2023
pH (SU)	4.00	4.00	24.48	± 0.1	GWMP
pH (SU)	7.00	7.00	24.39	± 0.1	GWMP
pH (SU)	10.00	10.00	24.57	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1404	24.82	± 10% of standard	NA
ORP (mV)	~~240.0~~ 224	229	24.75	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.55	± 10% of standard	EPA 2023
	10	10.5		
	20	20.3		
	100	160		

Calibration Check					
Time Start 1215		**Time Finish** 1227			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.07	25.72	± 0.1	GWMP
pH (SU)	7.00	7.02	25.91	± 0.1	GWMP
pH (SU)	10.00	10.03	25.32	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1439	25.98	± 10% of standard	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.50	± 10% of standard	EPA 2023
	10	10.1		
	20	20.4		
	100	102		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley AP Date: 8/14/25

Calibrated By: J. Benefield Field Conditions: Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	1183974
Turbidity Meter	HACH 2100Q	22080D000803

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	56A0865	01/27	PINE
pH (SU)	7.00	46L1064	12/26	PINE
pH (SU)	10.00	46L1192	7/26	PINE
Specific Conductance (µS/cm)	1,413	56A0808	01/26	PINE
ORP (mV)	240.0	56A0447	10/25	PINE

	Standard	**Lot #**	**Date of Expiration**	**Brand**
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A4172	10/25	HACH
	20	A4183	10/25	HACH
	100	A4179	10/25	HACH

Calibration					
Time Start: 0816		**Time Finish:** 0839			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	97.25	25.17	± 10%	EPA 2023
pH (SU)	4.00	4.00	~~24.35~~ 24.57	± 0.1	GWMP
pH (SU)	7.00	7.00	~~24.29~~ 24.35	± 0.1	GWMP
pH (SU)	10.00	10.00	24.29	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	25.52	± 10% of standard	NA
ORP (mV)	~~240.0~~ 230	229	24.67	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.53	± 10% of standard	EPA 2023
	10	10.1		
	20	20.9		
	100	101		

Calibration Check					
Time Start 1435		**Time Finish** 1442			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.03	26.29	± 0.1	GWMP
pH (SU)	7.00	7.04	25.98	± 0.1	GWMP
pH (SU)	10.00	10.08	26.11	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1429	26.34	± 10% of standard	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.48	± 10% of standard	EPA 2023
	10	9.91		
	20	20.4		
	100	98.5		

Field Instrumentation Calibration Form

Atlantic Coast Consulting, Inc.

Site Name: Wansley Ash Pond Date: 8/12/25

Calibrated By: C. Hlampe Field Conditions: Cloudy

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	1183990
Turbidity Meter	HACH 2100Q	24010100439

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	5GA0865	1/27	PINE
pH (SU)	7.00	4GL1064	12/26	PINE
pH (SU)	10.00	4GG1192	7/26	PINE
Specific Conductance (µS/cm)	1,413	5GA0308	1/26	PINE
ORP (mV)	240.0	5GE0627	2/26	PINE

	Standard	**Lot #**	**Date of Expiration**	**Brand**
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A4172	9/25	HACH
	20	A4183	10/25	HACH
	100	A4179	10/25	HACH

Calibration					
Time Start: 0800		**Time Finish:** 0830			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.0	26.24	± 10%	EPA 2023
pH (SU)	4.00	4.00	25.73	± 0.1	GWMP
pH (SU)	7.00	7.00	25.54	± 0.1	GWMP
pH (SU)	10.00	10.00	25.72	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	25.63	± 10% of standard	NA
ORP (mV)	240.0	228.5	25.43	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.13	± 10% of standard	EPA 2023
	10	10.2		
	20	19.9		
	100	100		

Calibration Check					
Time Start 1140		**Time Finish** 1150			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.00	25.98	± 0.1	GWMP
pH (SU)	7.00	7.00	26.40	± 0.1	GWMP
pH (SU)	10.00	10.00	25.99	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	26.49	± 10% of standard	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.09	± 10% of standard	EPA 2023
	10	10.5		
	20	20.5		
	100	101		

Field Instrumentation Calibration Form

Atlantic Coast Consulting, Inc.

Site Name: Wansley Ash Pond Date: 8/13/25

Calibrated By: C. Klumpe Field Conditions: Cloudy

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	1183990
Turbidity Meter	HACH/2100Q	24010000 0439

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	5GA0865	1/27	PINE
pH (SU)	7.00	4GL1064	12/26	PINE
pH (SU)	10.00	4GG1192	7/26	PINE
Specific Conductance (µS/cm)	1,413	5GA0308	1/26	PINE
ORP (mV)	240.0	5GE0627	2/26	PINE

	Standard	**Lot #**	**Date of Expiration**	**Brand**
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A4172	9/25	HACH
	20	A4183	10/25	HACH
	100	A4179	10/25	HACH

Calibration					
Time Start: 0800		**Time Finish:** 0820			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.0	23.93	± 10%	EPA 2023
pH (SU)	4.00	4.00	23.28	± 0.1	GWMP
pH (SU)	7.00	7.00	22.95	± 0.1	GWMP
pH (SU)	10.00	10.00	23.11	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	23.21	± 10% of standard	NA
ORP (mV)	240.0	231.2	23.42	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.09	± 10% of standard	EPA 2023
	10	10.7		
	20	21.2		
	100	104		

Calibration Check					
Time Start 1306		**Time Finish** 1316			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.00	26.74	± 0.1	GWMP
pH (SU)	7.00	7.00	27.17	± 0.1	GWMP
pH (SU)	10.00	10.00	26.68	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	27.11	± 10% of standard	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.10	± 10% of standard	EPA 2023
	10	10.8		
	20	20.9		
	100	100		

Field Instrumentation Calibration Form

Atlantic Coast Consulting, Inc.

Site Name: Wansley Ash Pond Date: 8/14/25

Calibrated By: C. Klapke Field Conditions: Cloudy

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	AquaTroll/ 500	1183990
Turbidity Meter	Hach/ 2100Q	24010D000439

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	5GA0865	1/27	PINE
pH (SU)	7.00	4GL1064	12/26	PINE
pH (SU)	10.00	4GG1142	7/26	PINE
Specific Conductance (µS/cm)	1,413	5GA0308	1/26	PINE
ORP (mV)	240.0	5GE0627	2/26	PINE

	Standard	**Lot #**	**Date of Expiration**	**Brand**
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A4172	9/25	HACH
	20	A4183	10/25	HACH
	100	A4179	10/25	HACH

Calibration					
Time Start: 0815		**Time Finish:** 0830			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.0	24.01	± 10%	EPA 2023
pH (SU)	4.00	4.00	23.54	± 0.1	GWMP
pH (SU)	7.00	7.00	23.51	± 0.1	GWMP
pH (SU)	10.00	10.00	23.35	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	23.64	± 10% of standard	NA
ORP (mV)	240.0	231.4	23.22	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.09	± 10% of standard	EPA 2023
	10	10.5		
	20	20.7		
	100	102.0		

Calibration Check					
Time Start 1150		**Time Finish** 1200			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.00	24.87	± 0.1	GWMP
pH (SU)	7.00	7.00	25.41	± 0.1	GWMP
pH (SU)	10.00	10.00	24.79	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	25.46	± 10% of standard	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.10	± 10% of standard	EPA 2023
	10	10.50		
	20	20.50		
	100	102		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Wansley Ash Pond Date: 8/15/25

Calibrated By: C. Klamke Field Conditions: Sunny, 76

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	1143990
Turbidity Meter	Hach/2100Q	24010D000439

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	5GA0865	1/27	PINE
pH (SU)	7.00	FGL1064	12/26	PINE
pH (SU)	10.00	FGG1192	7/26	PINE
Specific Conductance (µS/cm)	1,413	5GA0308	1/26	PINE
ORP (mV)	240.0	5GE0627	2/26	PINE

	Standard	**Lot #**	**Date of Expiration**	**Brand**
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A4172	9/25	HACH
	20	A4183	10/25	HACH
	100	A4179	10/25	HACH

Calibration					
Time Start: 0850		**Time Finish:** 0910			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.0	24.29	± 10%	EPA 2023
pH (SU)	4.00	4.00	23.75	± 0.1	GWMP
pH (SU)	7.00	7.00	23.83	± 0.1	GWMP
pH (SU)	10.00	10.00	24.02	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	23.87	± 10% of standard	NA
ORP (mV)	240.0	229.6	24.66	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.12	± 10% of standard	EPA 2023
	10	10.2		
	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: Wansley LF/AP Date: 8/14/25

Calibrated By: D. Johnson Field Conditions: Sunny, 74°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Troll 400	1179236
Turbidity Meter	HACH	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	4GE0127	5/26	PINE
pH (SU)	7.00	4GJ0127	10/26	PINE
pH (SU)	10.00	4GC0600	3/26	PINE
Specific Conductance (µS/cm)	1,413	4GC0482	3/26	PINE
ORP (mV)	240.0	5GA0447	10/25	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: 0817		**Time Finish:** 0829			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	98.85	25.51	± 10%	EPA 2023
pH (SU)	4.00	4.00	24.47	± 0.1	GWMP
pH (SU)	7.00	7.00	25.39	± 0.1	GWMP
pH (SU)	10.00	10.00	25.12	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1411	25.32	± 10% of standard	NA
ORP (mV)	240.0	241.8	25.52	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.21	± 10% of standard	EPA 2023
	10	10.4		
	20	19.6		
	100	97.9		

Calibration Check					
Time Start 1243		**Time Finish** 1250			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.07	28.98	± 0.1	GWMP
pH (SU)	7.00	7.05	28.12	± 0.1	GWMP
pH (SU)	10.00	9.96	28.49	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1431	28.32	± 10% of standard	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.24	± 10% of standard	EPA 2023
	10	10.3		
	20	20.4		
	100	101		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley MP1 Date: 8/15/25

Calibrated By: D. Johnson Field Conditions: 75°F, Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Troll 400	1179236
Turbidity Meter	HACH	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	4G50127	5/26	PINE
pH (SU)	7.00	4GJ0127	10/26	PINE
pH (SU)	10.00	4GC0600	3/26	PINE
Specific Conductance (µS/cm)	1,413	4GC0482	3/26	PINE
ORP (mV)	240.0	5GH0447	10/25	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A8083	6/26	HACH
	20	A8092	7/26	HACH
	100	A8081	6/26	HACH

Calibration					
Time Start: 0828		**Time Finish:** 0843			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	97.76	26.03	± 10%	EPA 2023
pH (SU)	4.00	4.00	24.17	± 0.1	GWMP
pH (SU)	7.00	7.00	25.15	± 0.1	GWMP
pH (SU)	10.00	10.00	24.88	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1414	25.23	± 10% of standard	NA
ORP (mV)	240.0	248.6	26.07	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.24	± 10% of standard	EPA 2023
	10	9.91		
	20	20.4		
	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 LF ~~McIntosh LF 4~~ Date: 8/19/25

Calibrated By: D. Johnson Field Conditions: 71°f, Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Troll 400	1179236
Turbidity Meter	HACH	240100000462

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	—	—	—
pH (SU)	4.00	4G6E027	5/26	PINE
pH (SU)	7.00	4GJ0127	10/26	↓
pH (SU)	10.00	4GC0600	3/26	↓
Specific Conductance (µS/cm)	1,413	4GC0482	3/26	↓
ORP (mV)	240.0	5GA0447	10/25	↓

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	—	—	—
	10	A5083	6/26	HACH
	20	A5092	7/26	↓
	100	A5081	6/26	↓

Calibration					
Time Start: 0734		Time Finish: 0747			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	101.5	23.42	± 10%	EPA 2023
pH (SU)	4.00	4.00	23.16	± 0.1	GWMP
pH (SU)	7.00	7.00	23.46	± 0.1	GWMP
pH (SU)	10.00	10.00	22.96	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1423	23.67	± 10% of standard	NA
ORP (mV)	240.0	232.6	23.38	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.21	± 10% of standard	EPA 2023
	10	9.95		
	20	20.5		
	100	102		

Calibration Check					
Time Start 1218		Time Finish 1224			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00	3.98	32.75	± 0.1	GWMP
pH (SU)	7.00	7.10	29.63	± 0.1	GWMP
pH (SU)	10.00	9.85	30.94	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1411	28.97	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.23	± 10% of standard	EPA 2023
	10	9.97		
	20	20.3		
	100	98.4		

Field Instrumentation Calibration Form

Atlantic Coast Consulting, Inc.

Site Name: Plant Wansley Ash Pond ~~McIntosh LF 4~~ Date: 8-18-25

Calibrated By: H Auld Field Conditions: p. cloudy, 89° F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll 500	1183949
Turbidity Meter	HACH 2100Q	22080D000803

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
D.O. (%)	N/A	—	—	—
pH (SU)	4.00	5GA0865	1/27	Pine
pH (SU)	7.00	4GL1064	12/26	↓
pH (SU)	10.00	4GG1192	7/26	↓
Specific Conductance (µS/cm)	1,413	4GL1333	12/~~26~~ 25	↓
ORP (mV)	240.0	5GE0627	02/26	↓

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

Calibration					
Time Start: 1415		**Time Finish:** 1435			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100%	27.7	± 10%	EPA 2023
pH (SU)	4.00	4.00	27.2	± 0.1	GWMP
pH (SU)	7.00	7.00	26.4	± 0.1	GWMP
pH (SU)	10.00	10.00	26.9	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	26.4	± 10% of standard	NA
ORP (mV)	240.0	226	27.0	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.14	± 10% of standard	EPA 2023
	10	10.1		
	20	19.7		
	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 Ash Pond ~~McIntosh LF 4~~ Date: 8-19-25

Calibrated By: HAuld Field Conditions: Sunny, 72

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquaread 500	1183949
Turbidity Meter	HACH 2100Q	22080D000803

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
D.O. (%)	N/A	—	—	—
pH (SU)	4.00	5GA0865	1/27	Pine
pH (SU)	7.00	4GL1064	12/26	↓
pH (SU)	10.00	4GG1192	7/26	↓
Specific Conductance (µS/cm)	1,413	4GL1333	12/25	↓
ORP (mV)	240.0	5GE0627	2/26	↓

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

Calibration					
Time Start: 0815		**Time Finish:** 0840			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100%	23.3	± 10%	EPA 2023
pH (SU)	4.00	4.00	24.1	± 0.1	GWMP
pH (SU)	7.00	7.00	24.3	± 0.1	GWMP
pH (SU)	10.00	10.00	24.0	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	23.9	± 10% of standard	NA
ORP (mV)	240.0	229	24.5	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.1	± 10% of standard	EPA 2023
	10	10.2		
	20	20.0		
	100	99		

Calibration Check					
Time Start 1430		**Time Finish** 1440			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.08	28.2	± 0.1	GWMP
pH (SU)	7.00	6.96	27.6	± 0.1	GWMP
pH (SU)	10.00	10.09	27.9	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1423	28.0	± 10% of standard	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.2	± 10% of standard	EPA 2023
	10	9.7		
	20	19.3		
	100	99		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Wansley Ash Pond ~~McIntosh LF 4~~ Date: 8-20-25

Calibrated By: H. Auld Field Conditions: Cloudy, 78

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquaread 500	1183949
Turbidity Meter	HACH 2100Q	22080D000803

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
D.O. (%)	N/A	—	—	—
pH (SU)	4.00	5GA0865	1/27	Pine
pH (SU)	7.00	4GL1064	12/26	↓
pH (SU)	10.00	4GG1192	7/26	↓
Specific Conductance (µS/cm)	1,413	4GL1333	12/25	↓
ORP (mV)	240.0	5GE0627	2/26	↓

	Standard	**Lot #**	**Date of Expiration**	**Brand**
Turbidity (NTU)	0	—	—	—
	10	24A4172	9/25	HACH
	20	A4183	10/25	↓
	100	A4179	10/25	↓

Calibration					
Time Start: 0800		**Time Finish:** 0830			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100%	22.7	± 10%	EPA 2023
pH (SU)	4.00	4.00	24.0	± 0.1	GWMP
pH (SU)	7.00	7.00	24.1	± 0.1	GWMP
pH (SU)	10.00	10.00	23.8	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	23.9	± 10% of standard	NA
ORP (mV)	240.0	230	24.1	± 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 1100		**Time Finish** 1115			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.08	24.3	± 0.1	GWMP
pH (SU)	7.00	6.96	24.4	± 0.1	GWMP
pH (SU)	10.00	9.92	24.0	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1427	24.2	± 10% of standard	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.13	± 10% of standard	EPA 2023
	10	10.3		
	20	20.6		
	100	102		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: ~~McIntosh AP-1~~ Wansley AP Date: 8-18-25

Calibrated By: T. Goble Field Conditions: Sunny 84°

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	1183990
Turbidity Meter	HACH 2000Q	24D10D800739

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
D.O. (%)	N/A	—	—	—
pH (SU)	4.00	5GA0865	1/27	PINE
pH (SU)	7.00	4GL1064	12/26	|
pH (SU)	10.00	4GG1192	7/26	|
Specific Conductance (µS/cm)	1,413	5GA0308	1/26	|
ORP (mV)	240.0	5GF0627	2/26	|

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

Calibration					
Time Start: 1045		**Time Finish:** 1110			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	98.4	27.10	± 10%	EPA 2023
pH (SU)	4.00	4.00	26.81	± 0.1	GWMP
pH (SU)	7.00	7.00	26.40	± 0.1	GWMP
pH (SU)	10.00	10.00	26.27	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1448	26.30	± 10% of standard	NA
ORP (mV)	240.0	227.5	26.26	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.11	± 10% of standard	EPA 2023
	10	9.94		
	20	19.0		
	100	96.9		

Calibration Check					
Time Start 1530		**Time Finish** 1540			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.04	26.17	± 0.1	GWMP
pH (SU)	7.00	7.06	25.99	± 0.1	GWMP
pH (SU)	10.00	10.06	26.72	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1417	27.11	± 10% of standard	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.17	± 10% of standard	EPA 2023
	10	10.1		
	20	20.2		
	100	101		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: ~~McIntosh AP 1~~ Wansley AP Date: 8-19-25

Calibrated By: T. Goble Field Conditions: Sunny 71°

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	183990
Turbidity Meter	HACH 2020XE	24010D000239

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
D.O. (%)	N/A	—	—	—
pH (SU)	4.00	5GA0865	1/27	PINE
pH (SU)	7.00	4GL1064	12/26	|
pH (SU)	10.00	4GG1192	7/26	|
Specific Conductance (µS/cm)	1,413	5GA0308	1/26	|
ORP (mV)	240.0	5GF5627	1/26	|

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

Calibration					
Time Start: 0810		**Time Finish:** 0830			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.5	24.65	± 10%	EPA 2023
pH (SU)	4.00	4.00	24.29	± 0.1	GWMP
pH (SU)	7.00	7.00	24.69	± 0.1	GWMP
pH (SU)	10.00	10.00	24.57	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1378	23.72	± 10% of standard	NA
ORP (mV)	240.0	248.3	24.26	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.09	± 10% of standard	EPA 2023
	10	9.80		
	20	20.7		
	100	101		

Calibration Check					
Time Start 1400		**Time Finish** 1415			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.01	25.31	± 0.1	GWMP
pH (SU)	7.00	7.01	25.37	± 0.1	GWMP
pH (SU)	10.00	10.03	26.12	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1421	26.22	± 10% of standard	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.27	± 10% of standard	EPA 2023
	10	10.2		
	20	20.2		
	100	101		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: ~~McIntosh AP 1~~ Wansley AP Date: 8-19-25

Calibrated By: T. Goble Field Conditions: Sunny 71°

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	183990
Turbidity Meter	HACH 2020XE	24010D000239

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
D.O. (%)	N/A	—	—	—
pH (SU)	4.00	5GA0865	1/27	PINE
pH (SU)	7.00	4GL1064	12/26	|
pH (SU)	10.00	4GG1192	7/26	|
Specific Conductance (µS/cm)	1,413	5GA0308	1/26	|
ORP (mV)	240.0	5GF5627	1/26	|

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

Calibration					
Time Start: 0810		**Time Finish:** 0830			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.5	24.65	± 10%	EPA 2023
pH (SU)	4.00	4.00	24.29	± 0.1	GWMP
pH (SU)	7.00	7.00	24.69	± 0.1	GWMP
pH (SU)	10.00	10.00	24.57	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1378	23.72	± 10% of standard	NA
ORP (mV)	240.0	248.3	24.26	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.09	± 10% of standard	EPA 2023
	10	9.80		
	20	20.7		
	100	101		

Calibration Check					
Time Start 1400		**Time Finish** 1415			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.01	25.31	± 0.1	GWMP
pH (SU)	7.00	7.01	25.37	± 0.1	GWMP
pH (SU)	10.00	10.03	26.12	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1421	26.22	± 10% of standard	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.27	± 10% of standard	EPA 2023
	10	10.2		
	20	20.2		
	100	101		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Wansley Ash Pond | Date: p. 8-21-25

Calibrated By: HA | Field Conditions: p. cloudy 77

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	1183949
Turbidity Meter	HACH 2100 Q	22080D000803

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	5GA0865	1/27	PINE
pH (SU)	7.00	4GL1064	12/26	PINE
pH (SU)	10.00	4GG1192	7/26	PINE
Specific Conductance (µS/cm)	1,413	4GL1333	12/25	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	A4172	9/25	HACH
	20	A4183	10/25	HACH
	100	A4179	10/25	HACH

Calibration					
Time Start: 0800		**Time Finish:** 0825			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A			± 10%	EPA 2023
pH (SU)	4.00	4.00	23.2	± 0.1	GWMP
pH (SU)	7.00	7.00	24.3	± 0.1	GWMP
pH (SU)	10.00	10.00	24.2	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	24.3	± 10% of standard	NA
ORP (mV)	240.0	229	24.5	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.2	± 10% of standard	EPA 2023
	10	10.8		
	20	19.3		
	100	100		

Calibration Check					
Time Start 1515		**Time Finish** 1530			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.03	31.9	± 0.1	GWMP
pH (SU)	7.00	6.96	32.4	± 0.1	GWMP
pH (SU)	10.00	9.96	32.2	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1420	31.8	± 10% of standard	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.3	± 10% of standard	EPA 2023
	10	10.1		
	20	19.9		
	100	100		

Notes:

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Wansley Ash Pond

Date: p. 8-21-25

Calibrated By: HA

Field Conditions: p. Cloudy, 77

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	1183949
Turbidity Meter	HACH 2100 Q	22080D000803

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	5GA0865	1/27	PINE
pH (SU)	7.00	4GL1064	12/26	PINE
pH (SU)	10.00	4GG1192	7/26	PINE
Specific Conductance (µS/cm)	1,413	4GL1333	12/25	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	A4172	9/25	HACH
	20	A4183	10/25	HACH
	100	A4179	10/25	HACH

Calibration					
Time Start: 0800		**Time Finish:** 0825			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A			± 10%	EPA 2023
pH (SU)	4.00	4.00	23.2	± 0.1	GWMP
pH (SU)	7.00	7.00	24.3	± 0.1	GWMP
pH (SU)	10.00	10.00	24.2	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	24.3	± 10% of standard	NA
ORP (mV)	240.0	229	24.5	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.2	± 10% of standard	EPA 2023
	10	10.8		
	20	19.3		
	100	100		

Calibration Check					
Time Start 1515		**Time Finish** 1530			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.03	31.9	± 0.1	GWMP
pH (SU)	7.00	6.96	32.4	± 0.1	GWMP
pH (SU)	10.00	9.96	32.2	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1420	31.8	± 10% of standard	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.3	± 10% of standard	EPA 2023
	10	10.1		
	20	19.9		
	100	100		

Notes:

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: WANSLEY API ~~McIntosh LF 4~~ Date: 8/20/25

Calibrated By: D. Johnson Field Conditions: Cloudy, 80°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Troll 400	1179236
Turbidity Meter	HACH	

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
D.O. (%)	N/A	—	—	NEW DI
pH (SU)	4.00	5GA0865	1127	PINE
pH (SU)	7.00	4GJ0127	10126	↓
pH (SU)	10.00	4GC0600	3126	↓
Specific Conductance (µS/cm)	1,413	4GC0482	3126	↓
ORP (mV)	240.0	5GE0627	2126	↓

	Standard	**Lot #**	**Date of Expiration**	**Brand**
Turbidity (NTU)	0	—	—	NEW DI
	10	A5083	07/26	HACH
	20	A5092	06/26	↓
	100	A5081	07/26	↓

Calibration					
Time Start: 1212		**Time Finish:** 1224			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.9	25.60	± 10%	EPA 2023
pH (SU)	4.00	4.00	25.79	± 0.1	GWMP
pH (SU)	7.00	7.00	25.85	± 0.1	GWMP
pH (SU)	10.00	10.00	25.77	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1410	25.01	± 10% of standard	NA
ORP (mV)	240.0	232.2	25.95	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.11	± 10% of standard	EPA 2023
	10	10.3		
	20	20.1		
	100	97.9		

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 API Date: 8/21/25

Calibrated By: D. Tomsen Field Conditions: Sunny, 71°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Troll 400	1179236
Turbidity Meter	HACH	24010D00426

Calibration Standard Information				
Parameter	**Standard**	**Lot #**	**Date of Expiration**	**Brand**
D.O. (%)	N/A	—	—	—
pH (SU)	4.00	5GA0865	1/27	Pine
pH (SU)	7.00	4G30121	10/26	↓
pH (SU)	10.00	4GC0600	3/26	↓
Specific Conductance (µS/cm)	1,413	4GC0482	3/26	↓
ORP (mV)	240.0	5GE0627	2/26	↓

	Standard	**Lot #**	**Date of Expiration**	**Brand**
Turbidity (NTU)	0	—	—	—
	10	A5083	07/26	HACH
	20	A5092	06/26	↓
	100	A5081	07/26	↓

Calibration					
Time Start: 0804		**Time Finish:** 0814			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	99.21	22.67	± 10%	EPA 2023
pH (SU)	4.00	4.00	22.33	± 0.1	GWMP
pH (SU)	7.00	7.02	22.02	± 0.1	GWMP
pH (SU)	10.00	10.05	22.26	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1414	23.77	± 10% of standard	NA
ORP (mV)	240.0	233.7	21.85	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.10	± 10% of standard	EPA 2023
	10	~~20.1~~ 10.1		
	20	20.1		
	100	103		

Calibration Check					
Time Start 1240		**Time Finish** 1247			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.01	28.67	± 0.1	GWMP
pH (SU)	7.00	7.09	27.99	± 0.1	GWMP
pH (SU)	10.00	9.97	28.48	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1469	29.35	± 10% of standard	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.12	± 10% of standard	EPA 2023
	10	10.1		
	20	20.0		
	100	101		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley AP-1 Date: 08-20-25

Calibrated By: J. May Field Conditions: Cloudy, 70s

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	1236093
Turbidity Meter	Hach 2100Q	24010D000602

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI Water	—	—
pH (SU)	4.00	5GA0805	01/27	PINE
pH (SU)	7.00	4GJ0127	10/26	PINE
pH (SU)	10.00	4GG1192	07/26	PINE
Specific Conductance (µS/cm)	1,413	4GJ0461	10/26	PINE
ORP (mV)	240.0	5GE0627	02/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	~~(2nd) AS083~~	—	~~Hach~~
	10	~~(3rd) AS092~~	AS083 04/26	Hach
	20	~~(1st) AS081~~	AS092 07/26	Hach
	100		AS081 04/26	Hach

Calibration

Time Start: 0805 Time Finish: 0820

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	99.85	23.35	± 10%	EPA 2023
pH (SU)	4.00	4.00	22.77	± 0.1	GWMP
pH (SU)	7.00	7.00	22.58	± 0.1	GWMP
pH (SU)	10.00	10.00	22.60	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1411	22.69	± 10% of standard	NA
ORP (mV)	240.0	232.2	22.64	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.25	± 10% of standard	EPA 2023
	10	9.14		
	20	20.8		
	100	99.7		

Calibration Check

Time Start 1200 Time Finish 1205

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00	4.00	25.96	± 0.1	GWMP
pH (SU)	7.00	7.00	26.03	± 0.1	GWMP
pH (SU)	10.00	10.00	26.09	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1412	26.28	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.22	± 10% of standard	EPA 2023
	10	9.11		
	20	20.3		
	100	101		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Waverly AP-1 Date: 08-21-25

Calibrated By: J. May Field Conditions: Sunny, 70s

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	1235093
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	5GA0865	01/27	PINE
pH (SU)	7.00	4GJ0127	10/26	PINE
pH (SU)	10.00	4GG1192	07/26	PINE
Specific Conductance (µS/cm)	1,413	4GJ0461	10/26	PINE
ORP (mV)	240.0	5GE0607	02/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI Water	—	~~Hach~~
	10	A5083	06/26	Hach
	20	A5092	07/26	Hach
	100	A5081	04/26	Hach

Calibration					
Time Start: 0800		**Time Finish:** 0820			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.0	22.66	± 10%	EPA 2023
pH (SU)	4.00	4.00	22.67	± 0.1	GWMP
pH (SU)	7.00	7.02	22.32	± 0.1	GWMP
pH (SU)	10.00	10.05	22.47	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	22.39	± 10% of standard	NA
ORP (mV)	240.0	232.3	22.57	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.25	± 10% of standard	EPA 2023
	10	9.90		
	20	18.3		
	100	98.1		

Calibration Check					
Time Start 1335		**Time Finish** 1350			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.01	31.77	± 0.1	GWMP
pH (SU)	7.00	6.99	30.20	± 0.1	GWMP
pH (SU)	10.00	9.95	30.54	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	30.70	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.21	± 10% of standard	EPA 2023
	10	9.98		
	20	19.7		
	100	101		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Wansley AP Date: 8-20-25

Calibrated By: T. Gable Field Conditions: Cloudy 71°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTROLL 500	1183990
Turbidity Meter	HACH 2100Q	24010300479

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

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

Calibration					
Time Start: 0830		Time Finish: 0850			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	99.9	24.35	± 10%	EPA 2023
pH (SU)	4.00	4.00	24.04	± 0.1	GWMP
pH (SU)	7.00	7.00	24.02	± 0.1	GWMP
pH (SU)	10.00	10.00	23.99	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1406	23.85	± 10% of standard	NA
ORP (mV)	240.0	236.9	23.88	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.10	± 10% of standard	EPA 2023
	10	10.2		
	20	20.0		
	100	99.9		

Calibration Check					
Time Start 1400		Time Finish 1415			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.04	27.12	± 0.1	GWMP
pH (SU)	7.00	7.04	27.35	± 0.1	GWMP
pH (SU)	10.00	10.01	27.52	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1417	26.99	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.12	± 10% of standard	EPA 2023
	10	10.1		
	20	20.1		
	100	101		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley AP

Date: 8-21-25

Calibrated By: I. Goble

Field Conditions: Cloudy 71°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	1183990
Turbidity Meter	HACH 2100Q	24080D004139

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	5GA0665	1/27	PINE
pH (SU)	7.00	4GL1064	12/26	PINE
pH (SU)	10.00	4GG1192	7/26	PINE
Specific Conductance (µS/cm)	1,413	5GA0308	1/26	PINE
ORP (mV)	240.0	5GE0627	2/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A4172	9/25	HACH
	20	A4183	10/25	HACH
	100	A4179	10/25	HACH

Calibration					
Time Start: 0800		**Time Finish:** 0820			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.36	23.59	± 10%	EPA 2023
pH (SU)	4.00	4.00	22.49	± 0.1	GWMP
pH (SU)	7.00	7.00	22.59	± 0.1	GWMP
pH (SU)	10.00	10.00	22.86	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1414	22.43	± 10% of standard	NA
ORP (mV)	240.0	245	22.12	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.09	± 10% of standard	EPA 2023
	10	10.7		
	20	20.5		
	100	101		

Calibration Check					
Time Start 1315		**Time Finish** 1330			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.02	26.50	± 0.1	GWMP
pH (SU)	7.00	7.04	26.71	± 0.1	GWMP
pH (SU)	10.00	10.01	26.77	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1421	25.25	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.11	± 10% of standard	EPA 2023
	10	10.1		
	20	20.2		
	100	101		

Notes:

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: ~~McIntosh AP 1~~ Wansley AP Date: 8/27/25

Calibrated By: C. Klamp Field Conditions: Sunny, 60

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	aquaTroll 500	1183949
Turbidity Meter	Hach/2100Q	24010D000439

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	5GA0865	1/27	Pine
pH (SU)	7.00	4GL1064	12/26	Pine
pH (SU)	10.00	4GG1192	7/26	Pine
Specific Conductance (µS/cm)	1,413	5GA0308	1/26	Pine
ORP (mV)	240.0	5GE0627	2/26	Pine

	Standard	**Lot #**	**Date of Expiration**	**Brand**
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A4172	9/25	Hach
	20	A4183	10/25	Hach
	100	A4179	10/25	Hach

Calibration					
Time Start: 0855		**Time Finish:** 0910			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.00	16.91	± 10%	EPA 2023
pH (SU)	4.00	4.00	19.11	± 0.1	GWMP
pH (SU)	7.00	7.02	19.73	± 0.1	GWMP
pH (SU)	10.00	10.05	19.64	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	19.80	± 10% of standard	NA
ORP (mV)	240.0	235.4	20.15	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.12	± 10% of standard	EPA 2023
	10	9.98		
	20	20.1		
	100	99.1		

Calibration Check					
Time Start 1500		**Time Finish** 1510			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.00	27.81	± 0.1	GWMP
pH (SU)	7.00	7.00	27.92	± 0.1	GWMP
pH (SU)	10.00	10.01	28.03	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	27.99	± 10% of standard	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.12	± 10% of standard	EPA 2023
	10	10.3		
	20	20.4		
	100	100.0		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: ~~McIntosh AP-1~~ Wansley AP Date: 8/26/25

Calibrated By: C. Klamt Field Conditions: Sunny, 61

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	aqua troll 500	118 3949
Turbidity Meter	Hach / 2100Q	24010D000439

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	5GA0665	1/27	pine
pH (SU)	7.00	4GL1064	12/26	Pine
pH (SU)	10.00	4GG1192	7/26	pine
Specific Conductance (µS/cm)	1,413	5GA0308	1/26	pine
ORP (mV)	240.0	5GE0627	2/26	pine

	Standard	**Lot #**	**Date of Expiration**	**Brand**
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A4172	9/25	Hach
	20	A4183	10/25	Hach
	100	A4179	10/25	Hach

Calibration					
Time Start: 0850		**Time Finish:** 0910			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.0	22.01	± 10%	EPA 2023
pH (SU)	4.00	4.00	22.04	± 0.1	GWMP
pH (SU)	7.00	7.02	22.96	± 0.1	GWMP
pH (SU)	10.00	10.05	22.28	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	22.47	± 10% of standard	NA
ORP (mV)	240.0	230.8	23.71	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.15	± 10% of standard	EPA 2023
	10	9.74		
	20	19.9		
	100	101		

Calibration Check					
Time Start 1220		**Time Finish** 1230			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.01	28.02	± 0.1	GWMP
pH (SU)	7.00	6.99	28.21	± 0.1	GWMP
pH (SU)	10.00	9.95	28.50	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	28.34	± 10% of standard	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.15	± 10% of standard	EPA 2023
	10	10.5		
	20	20.5		
	100	100.0		

Field Instrumentation Calibration Form

Atlantic Coast Consulting, Inc.

Site Name: Wansley AP

Date: 8/25/25

Calibrated By: C. Hamme

Field Conditions: Sunny, 75°

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	aquaTroll 500	1183949
Turbidity Meter	Hach/2100Q	24010P000439

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	5GA0865	1/27	PINE
pH (SU)	7.00	4GL1064	12/26	PINE
pH (SU)	10.00	4GG1192	7/26	PINE
Specific Conductance (µS/cm)	1,413	5GA0308	1/26	PINE
ORP (mV)	240.0	5GE0627	2/26	PINE

	Standard	**Lot #**	**Date of Expiration**	**Brand**
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A4172	9/25	HACH
	20	A4183	10/25	HACH
	100	A4179	10/25	HACH

Calibration					
Time Start: 1123		**Time Finish:** 1141			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.0	25.72	± 10%	EPA 2023
pH (SU)	4.00	4.00	25.86	± 0.1	GWMP
pH (SU)	7.00	7.00	25.78	± 0.1	GWMP
pH (SU)	10.00	10.06	26.13	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	25.68	± 10% of standard	NA
ORP (mV)	240.0	228.3	25.63	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.10	± 10% of standard	EPA 2023
	10	10.1		
	20	20.0		
	100	99.6		

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

Site Name: Plant Wansley Ash Ponds Date: 11/10/25

Calibrated By: D. Samson Field Conditions: Cold, 36°F, Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	YSI 556	18 3990
Turbidity Meter	HACH	24060C004439

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	SGA0869	11/27	PINE
pH (SU)	7.00	SGA0863	11/27	PINE
pH (SU)	10.00	SGA0867	11/27	PINE
Specific Conductance (µS/cm)	1,413	SGA0907	1/26	PINE
ORP (mV)	240.0	SGE0627	2/26	PINE

	Standard	**Lot #**	**Date of Expiration**	**Brand**
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	AS083	6/26	HACH
	20	AS092	7/26	HACH
	100	AS081	6/26	HACH

Calibration					
Time Start: 1015		**Time Finish:** 1030			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100	9.13	± 10%	EPA 2023
pH (SU)	4.00	4.00	13.9	± 0.1	GWMP
pH (SU)	7.00	7.04	13.9	± 0.1	GWMP
pH (SU)	10.00	10.1	13.6	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	25.00	± 10% of standard	NA
ORP (mV)	240.0	235	13.7	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.21	± 10% of standard	EPA 2023
	10	10.1		
	20	20.3		
	100	104		

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			

Notes:

Field Instrumentation Calibration Form

Atlantic Coast Consulting, Inc.

Site Name: Plant Wansley Ash Ponds Date: 11/11/25

Calibrated By: D. Johnson Field Conditions: Cold, 27°F, Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	YSI 500	1183990
Turbidity Meter	HACH	24010000, 434

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	SC1M0869	1127	PINE
pH (SU)	7.00	SCA08603	1/27	PINE
pH (SU)	10.00	SC1A08607	11 27	PINE
Specific Conductance (µS/cm)	1,413	SC1M0907	1/26	PINE
ORP (mV)	240.0	SC1206771	2/26	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	A8081	6/26	HACH

Calibration					
Time Start: 0830		Time Finish: 0845			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	99.09	10.00	± 10%	EPA 2023
pH (SU)	4.00	4.00	1.15	± 0.1	GWMP
pH (SU)	7.00	7.06	1.06	± 0.1	GWMP
pH (SU)	10.00	10.1	1.01	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1410	25.00	± 10% of standard	NA
ORP (mV)	240.0	236.6	14.6	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.22	± 10% of standard	EPA 2023
	10	10.0		
	20	20.2		
	100	100		

Calibration Check					
Time Start 1130		Time Finish 1139			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.02	16.7	± 0.1	GWMP
pH (SU)	7.00	7.04	16.7	± 0.1	GWMP
pH (SU)	10.00	10.00	17.0	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1410	16.9	± 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	20.1		
	100	100		

Notes:

Field Instrumentation Calibration Form

Site Name: Plant Wansley Ash Ponds Date: 11/12/25

Calibrated By: D. Jamson Field Conditions: Sunny, 38°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Troll 500	1183990
Turbidity Meter	HACH	240100004439

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	5GH08609	11/27	PINE
pH (SU)	7.00	5GH08663	1/27	PINE
pH (SU)	10.00	5GH08667	11/27	PINE
Specific Conductance (µS/cm)	1,413	5GH00907	1/26	PINE
ORP (mV)	240.0	5GE06627	2/26	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: 0800		**Time Finish:** 0830			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	99.17	5.7	± 10%	EPA 2023
pH (SU)	4.00	4.00	6.21	± 0.1	GWMP
pH (SU)	7.00	7.06	6.16	± 0.1	GWMP
pH (SU)	10.00	10.1	6.48	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	25	± 10% of standard	NA
ORP (mV)	240.0	241.2	15.7	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.21	± 10% of standard	EPA 2023
	10	10.1		
	20	20.0		
	100	100		

Calibration Check					
Time Start 1215		**Time Finish** 1222			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.00	13.7	± 0.1	GWMP
pH (SU)	7.00	7.02	13.2	± 0.1	GWMP
pH (SU)	10.00	10.0	13.3	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1415	14.0	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.20	± 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 Ash Ponds Date: 11/13/25

Calibrated By: D. Johnson Field Conditions: Sunny, 40°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Troll	1183990
Turbidity Meter	HACH	24010D000439

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	11/27	PINE
pH (SU)	7.00	5GA0863	1/27	PINE
pH (SU)	10.00	5GA0867	11/27	PINE
Specific Conductance (µS/cm)	1,413	8GA0907	1/26	PINE
ORP (mV)	240.0	5GA0627	2/26	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: 0743		**Time Finish:** 0755			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	101.5	7.85	± 10%	EPA 2023
pH (SU)	4.00	4.00	6.9	± 0.1	GWMP
pH (SU)	7.00	7.06	6.9	± 0.1	GWMP
pH (SU)	10.00	10.1	7.9	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1412	25.00	± 10% of standard	NA
ORP (mV)	240.0	241.3	15.7	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.20	± 10% of standard	EPA 2023
	10	10.0		
	20	20.2		
	100	101		

Calibration Check					
Time Start 1210		**Time Finish** 1218			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.02		± 0.1	GWMP
pH (SU)	7.00	7.03		± 0.1	GWMP
pH (SU)	10.00	10.0		± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1415		± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.19	± 10% of standard	EPA 2023
	10	10.1		
	20	20.0		
	100	100		

Field Instrumentation Calibration Form

Site Name: Wansley AP

Date: 11/10/25

Calibrated By: C. Klanke

Field Conditions: Sunny, 37°

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatell, 500	1235093
Turbidity Meter	Hach, 2100Q	22080D00112

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	5GA0965	1/27	PINE
pH (SU)	7.00	4GL1064	12/26	PINE
pH (SU)	10.00	4GG1192	7/26	PINE
Specific Conductance (µS/cm)	1,413	5GA6308	1/26	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	A 5083	6/26	HACH
	20	A 5092	7/26	HACH
	100	A 5081	6/26	HACH

Calibration					
Time Start: 1030		**Time Finish:** 1050			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100,0	8,33	± 10%	EPA 2023
pH (SU)	4.00	4,00	9,84	± 0.1	GWMP
pH (SU)	7.00	7,06	9,41	± 0.1	GWMP
pH (SU)	10.00	10,14	8,94	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	10,55	± 10% of standard	NA
ORP (mV)	240.0	249,8	9,15	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0,36	± 10% of standard	EPA 2023
	10	9,78		
	20	20,4		
	100	103		

Calibration Check					
Time Start 1430		**Time Finish** 1450			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4,04	17,40	± 0.1	GWMP
pH (SU)	7.00	7,03	17,43	± 0.1	GWMP
pH (SU)	10.00	10,2	17,50	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1415	17,49	± 10% of standard	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0,20	± 10% of standard	EPA 2023
	10	10,2		
	20	20,3		
	100	100,0		

Notes:

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Wansley AP

Date: 11/11/25

Calibrated By: C. Klamke

Field Conditions: Sunny, 32

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll/500	1235093
Turbidity Meter	Hach, 2100Q	22080100 1127

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	5GA0865	1/27	PINE
pH (SU)	7.00	4GL1064	12/26	PINE
pH (SU)	10.00	4GG1192	7/26	PINE
Specific Conductance (µS/cm)	1,413	5GA0308	1/26	PINE
ORP (mV)	240.0	5GE0627	2/26	PINE

	Standard	**Lot #**	**Date of Expiration**	**Brand**
Turbidity (NTU)	0	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: 0830		**Time Finish:** 0850			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.0	8.57	± 10%	EPA 2023
pH (SU)	4.00	4.00	12.05	± 0.1	GWMP
pH (SU)	7.00	7.04	13.18	± 0.1	GWMP
pH (SU)	10.00	10.11	13.14	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	4.68	± 10% of standard	NA
ORP (mV)	240.0	245.7	12.29	± 10	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.32	± 10% of standard	EPA 2023
	10	10.0		
	20	19.7		
	100	102		

Calibration Check					
Time Start 1530		**Time Finish** 1545			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.05	18.24	± 0.1	GWMP
pH (SU)	7.00	7.07	18.30	± 0.1	GWMP
pH (SU)	10.00	10.06	19.00	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1420	18.47	± 10% of standard	EPA 2023

	Standard	**Calibration Value**	**Acceptance Criteria**	**Reference**
Turbidity (NTU)	0	0.21	± 10% of standard	EPA 2023
	10	10.1		
	20	20.3		
	100	101.0		

Notes:

Field Instrumentation Calibration Form

Site Name: Wansley AP

Date: 11/12/25

Calibrated By: C. Klamke

Field Conditions: Sunny, 35

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	aquaTroll, 500	1235093
Turbidity Meter	Hach, 2100Q	22080D001127

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	5GA0865	1/27	PINE
pH (SU)	7.00	4GL1064	12/26	PINE
pH (SU)	10.00	4GG1192	7/26	PINE
Specific Conductance (µS/cm)	1,413	5GA0304	1/26	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	A5083	6/26	HACH
	20	A5092	7/26	HACH
	100	A5081	6/26	HACH

Calibration					
Time Start: 0750 ~~0810~~ (EW)		Time Finish: 0810			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	100.0	14.54	± 10%	EPA 2023
pH (SU)	4.00	4.00	9.77	± 0.1	GWMP
pH (SU)	7.00	7.06	8.69	± 0.1	GWMP
pH (SU)	10.00	10.14	9.73	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	9.04	± 10% of standard	NA
ORP (mV)	240.0	250.8	8.36	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.29	± 10% of standard	EPA 2023
	10	9.95		
	20	20.0		
	100	101.0		

Calibration Check					
Time Start 1230		Time Finish 1245			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.03	18.19	± 0.1	GWMP
pH (SU)	7.00	7.05	18.04	± 0.1	GWMP
pH (SU)	10.00	10.3	18.30	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1419	18.32	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.19	± 10% of standard	EPA 2023
	10	10.0		
	20	20.2		
	100	101.0		

Field Instrumentation Calibration Form

Site Name: Wansley AP Date: 11/13/25

Calibrated By: C. Klamkl Field Conditions: Sunny, 36

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll, 500	1235093
Turbidity Meter	Hach, 2100Q	22080D001127

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	5GA0865	1/27	PINE
pH (SU)	7.00	4GL1064	12/26	PINE
pH (SU)	10.00	4GG1192	7/26	PINE
Specific Conductance (µS/cm)	1,413	5GA6308	1/26	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	A5083	6/26	HACH
	20	A5092	7/26	HACH
	100	A5081	6/26	HACH

Calibration

Time Start: 0745 Time Finish: 0805

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100.0	7.39	± 10%	EPA 2023
pH (SU)	4.00	4.00	10.25	± 0.1	GWMP
pH (SU)	7.00	7.06	11.01	± 0.1	GWMP
pH (SU)	10.00	10.14	10.62	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	10.89	± 10% of standard	NA
ORP (mV)	240.0	247.1	11.25	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.25	± 10% of standard	EPA 2023
	10	10.5		
	20	20.3		
	100	101		

Calibration Check

Time Start 1155 Time Finish 1210

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00	4.02	19.05	± 0.1	GWMP
pH (SU)	7.00	7.04	19.00	± 0.1	GWMP
pH (SU)	10.00	10.04	19.15	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1421	19.14	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.14	± 10% of standard	EPA 2023
	10	10.1		
	20	20.3		
	100	101.0		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley Ash Ponds Date: 11/13/25

Calibrated By: D. Johnson Field Conditions: Sunny, 40°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Troll	1183990
Turbidity Meter	HACH	24010D000439

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	11/27	PINE
pH (SU)	7.00	5GA0863	1/27	PINE
pH (SU)	10.00	5GA0867	11/27	PINE
Specific Conductance (µS/cm)	1,413	8GA0907	1/26	PINE
ORP (mV)	240.0	5GA0627	2/26	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: 0743		**Time Finish:** 0755			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
D.O. (%)	N/A	101.5	7.85	± 10%	EPA 2023
pH (SU)	4.00	4.00	6.9	± 0.1	GWMP
pH (SU)	7.00	7.06	6.9	± 0.1	GWMP
pH (SU)	10.00	10.1	7.9	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1412	25.00	± 10% of standard	NA
ORP (mV)	240.0	241.3	15.7	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.20	± 10% of standard	EPA 2023
	10	10.0		
	20	20.2		
	100	101		

Calibration Check					
Time Start 1210		**Time Finish** 1218			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
pH (SU)	4.00	4.02		± 0.1	GWMP
pH (SU)	7.00	7.03		± 0.1	GWMP
pH (SU)	10.00	10.0		± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1415		± 10% of standard	EPA 2023

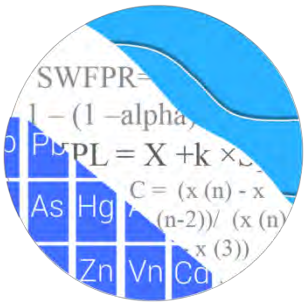
	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.19	± 10% of standard	EPA 2023
	10	10.1		
	20	20.0		
	100	100		

APPENDIX D

Statistical Analysis Reports

GROUNDWATER STATS CONSULTING

August 29, 2025



Southern Company Services
Attn: Mr. Trey Singleton
3535 Colonnade Parkway
Birmingham, AL 35243

Re: Plant Wansley Ash Pond
February 2025 Statistical Analysis

Dear Mr. Singleton,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the February 2025 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-8, 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
- **Assessment wells:** WGWC-27, WGWC-28D, PZ-26D, WAMW-1, and WAMW-2

Note that downgradient wells WGWC-20, WGWC-21, WGWC-22, WGWC-23, WGWC-24, and WGWC-25 were first sampled in March 2021, and data are evaluated for Appendix III and IV constituents. 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.

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 Kristina Rayner, Founder and Senior Statistician of Groundwater Stats Consulting. The analysis is prepared according to the recommended statistical methodology provided in the Fall 2017 by Dr. Kirk Cameron, PhD Statistician with MacStat Consulting, primary author of the USEPA Unified Guidance. In 2024, Georgia Power Company completed a data audit and migration of all CCR related groundwater data to the EarthSoft EQuIS Database Management Program (EQuIS). Data were then exported from EQuIS to Groundwater Stats Consulting (GSC) for use in completing this statistical analysis. Georgia Power Company contracted an independent third-party consultant, Environmental Resources Management (ERM), to support the data audit and migration to EQuIS. Based on the results of the audit and statistical analysis results from GSC, EQuIS will now be used by Georgia Power Company and its third-party geologists and engineers for management of data imported by independent third-party laboratories and data exported by Georgia Power Company and its Consultants. The data will be used in preparation of report submittals, modeling, strategic planning, and other purposes appropriate and consistent with EQuIS's data management and reporting tools and capabilities.

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. Therefore, the historical 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 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.

Statistical Methods – Appendix III Parameters:

Based on the earlier evaluation described above, Appendix III parameters are evaluated using interwell prediction limits combined with a 1-of-2 resample plan for the following constituents: boron, calcium, chloride, fluoride, pH, sulfate, and TDS.

Parametric prediction limits are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are non-detects, a nonparametric test is utilized. While the false positive rate associated with the parametric limits is based on an annual 10% (5% per semi-annual event) as recommended by the EPA Unified Guidance (2009), the false positive rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification resample plan. The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality.

After testing for normality and performing any adjustments as discussed below (US EPA, 2009), data are analyzed using either parametric or non-parametric prediction limits. Non-detects are handled as follows:

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% non-detects, simple substitution of one-half the 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.

Statistical Evaluation of Appendix III Parameters – February 2025

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 may be seen in a lighter font and as a disconnected symbol on the graphs. No additional values were flagged and a summary of 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 February 2025 (Figure D). Interwell prediction limits pool upgradient well data to establish a background limit for an individual constituent. The February 2025 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 to be a false positive result; therefore, no exceedance is noted and no further action is necessary. If no resample is collected, the original result is considered a confirmed exceedance. A summary table of the background prediction limits and exceedances follows this letter. Exceedances were identified for the following well/constituent pairs:

- Boron: WGWC-8, WGWC-9, WGWC-16, WGWC-20, WGWC-21, WGWC-22, WGWC-24, and WGWC-25
- Calcium: WGWC-8, WGWC-20, and WGWC-21
- Chloride: WGWC-8, WGWC-16, WGWC-20, WGWC-21, WGWC-24, and WGWC-25
- Fluoride: WGWC-9 and WGWC-15
- pH (lower limit): WGWC-24
- Sulfate: WGWC-8, WGWC-9, WGWC-16, WGWC-20, WGWC-21, WGWC-22, and WGWC-24
- TDS: WGWC-8, WGWC-20, and WGWC-21

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 E). 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-8, WGWC-9, and WGWC-20
- Calcium: WGWA-1 (upgradient) and WGWC-8
- Chloride: WGWA-2 (upgradient) and WGWC-8
- Sulfate: WGWA-4 (upgradient) and WGWC-8
- TDS: WGWA-1 (upgradient) and WGWC-8

Decreasing trends:

- Boron: WGWC-16
- Calcium: WGWA-18 (upgradient)
- Chloride: WGWA-5 (upgradient), WGWC-16, and WGWC-24
- Fluoride: WGWA-18 (upgradient), WGWC-9, and WGWC-15
- pH: WGWA-2 and WGWA-18 (both upgradient)
- Sulfate: WGWA-18 (upgradient) and WGWC-16

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 Groundwater Protection Standards (GWPS). The GWPS may be either regulatory (Maximum Contaminant Limits 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 – February 2025

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 an elevated observation early in the record for cobalt at upgradient well WGWA-5 was flagged as it was deemed uncharacteristic of upgradient groundwater quality among neighboring upgradient wells. A complete list of outliers follows this report (Figure C).

Interwell Upper Tolerance Limits

Interwell tolerance limits were used to calculate site-specific background limits from all available pooled upgradient well data through February 2025 for Appendix IV constituents (Figure F). 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 G).

Confidence Intervals

To complete the statistical comparison to GWPS, confidence intervals were constructed using data through February 2025 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 (Figure H). 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 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, only the most recent 8 observations were 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. 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 J). Although the trend tests for Assessment monitoring pairs were previously evaluated using 99% confidence, the 95% confidence level more rapidly identifies statistically significant trends. Additionally, the 95% confidence level is recommended in cases with limited sample sizes and, particularly, for new assessment wells. 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 trend:

- Lithium: WGWC-19 and WGWC-21

Decreasing trends:

- Beryllium: WGWC-24
- Cobalt: WGWA-1, WGWA-2, WGWA-5, WGWA-18 (all upgradient), and WGWC-24

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,



Andrew Collins
Project Manager



Kristina Rayner
Senior Statistician

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Summary Tables

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100% Non-Detects: Appendix IV Downgradient & Assessment

Analysis Run 4/11/2025 2:24 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

Arsenic (mg/L)
WGWC-19, WGWC-23, WGWC-27, PZ-26D

Beryllium (mg/L)
WGWC-10, WGWC-11, WGWC-12, WGWC-13, WGWC-15, WGWC-17, WGWC-19, 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, PZ-26D

Chromium (mg/L)
WGWC-8, WGWC-12, WGWC-16, WGWC-17, WGWC-19, WGWC-20, WGWC-22, WGWC-24, WGWC-25, WGWC-27, PZ-26D

Lead (mg/L)
WGWC-20, WGWC-21, WGWC-27

Mercury (mg/L)
WGWC-27, WGWC-28D, PZ-26D

Molybdenum (mg/L)
WGWC-8, WGWC-16, WGWC-23, WGWC-24, WGWC-25, WGWC-27

Selenium (mg/L)
WGWC-13, WGWC-17, WGWC-21, WGWC-25, WGWC-27, WGWC-28D, PZ-26D

Thallium (mg/L)
WGWC-8, WGWC-9, WGWC-12, WGWC-13, WGWC-15, WGWC-17, WGWC-20, WGWC-21, WGWC-23, WGWC-25, WGWC-27, WGWC-28D, PZ-26D

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Date Ranges

Date: 4/11/2025 2:39 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

Lithium (mg/L)

WGWC-21 overall:3/3/2022-2/13/2025

Appendix III - Interwell Prediction Limits - Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 2:05 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-8	0.1	n/a	2/11/2025	3.6	Yes	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-9	0.1	n/a	2/11/2025	0.58	Yes	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-16	0.1	n/a	2/12/2025	0.56	Yes	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-20	0.1	n/a	2/12/2025	7.4	Yes	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-21	0.1	n/a	2/13/2025	0.12	Yes	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-22	0.1	n/a	2/12/2025	0.32	Yes	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-24	0.1	n/a	2/13/2025	0.94	Yes	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-25	0.1	n/a	2/12/2025	0.36	Yes	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Calcium (mg/L)	WGWC-8	58	n/a	2/11/2025	99	Yes	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-20	58	n/a	2/12/2025	230	Yes	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-21	58	n/a	2/13/2025	64	Yes	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-8	6.05	n/a	2/11/2025	120	Yes	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-16	6.05	n/a	2/12/2025	28	Yes	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-20	6.05	n/a	2/12/2025	380	Yes	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-21	6.05	n/a	2/13/2025	48	Yes	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-24	6.05	n/a	2/13/2025	19	Yes	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-25	6.05	n/a	2/12/2025	24	Yes	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-9	0.284	n/a	2/11/2025	0.4	Yes	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-15	0.284	n/a	2/13/2025	0.72	Yes	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-24	8.01	4.96	2/13/2025	4.49	Yes	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-8	21	n/a	2/11/2025	280	Yes	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-9	21	n/a	2/11/2025	26	Yes	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-16	21	n/a	2/12/2025	40	Yes	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-20	21	n/a	2/12/2025	470	Yes	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-21	21	n/a	2/13/2025	350	Yes	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-22	21	n/a	2/12/2025	66	Yes	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-24	21	n/a	2/13/2025	79	Yes	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-8	190	n/a	2/11/2025	630	Yes	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-20	190	n/a	2/12/2025	1300	Yes	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-21	190	n/a	2/13/2025	610	Yes	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2

Appendix III - Interwell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 2:05 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-8**	**0.1**	**n/a**	**2/11/2025**	**3.6**	**Yes**	**190**	**n/a**	**n/a**	**95.26**	**n/a**	**n/a**	**0.00005474**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**WGWC-9**	**0.1**	**n/a**	**2/11/2025**	**0.58**	**Yes**	**190**	**n/a**	**n/a**	**95.26**	**n/a**	**n/a**	**0.00005474**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	WGWC-10	0.1	n/a	2/13/2025	0.08ND	No	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-11	0.1	n/a	2/11/2025	0.08ND	No	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-12	0.1	n/a	2/11/2025	0.08ND	No	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-13	0.1	n/a	2/12/2025	0.08ND	No	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-14A	0.1	n/a	2/12/2025	0.027J	No	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-15	0.1	n/a	2/13/2025	0.08ND	No	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	**WGWC-16**	**0.1**	**n/a**	**2/12/2025**	**0.56**	**Yes**	**190**	**n/a**	**n/a**	**95.26**	**n/a**	**n/a**	**0.00005474**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	WGWC-17	0.1	n/a	2/11/2025	0.08ND	No	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-19	0.1	n/a	2/13/2025	0.08ND	No	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	**WGWC-20**	**0.1**	**n/a**	**2/12/2025**	**7.4**	**Yes**	**190**	**n/a**	**n/a**	**95.26**	**n/a**	**n/a**	**0.00005474**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**WGWC-21**	**0.1**	**n/a**	**2/13/2025**	**0.12**	**Yes**	**190**	**n/a**	**n/a**	**95.26**	**n/a**	**n/a**	**0.00005474**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**WGWC-22**	**0.1**	**n/a**	**2/12/2025**	**0.32**	**Yes**	**190**	**n/a**	**n/a**	**95.26**	**n/a**	**n/a**	**0.00005474**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	WGWC-23	0.1	n/a	2/13/2025	0.024J	No	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	**WGWC-24**	**0.1**	**n/a**	**2/13/2025**	**0.94**	**Yes**	**190**	**n/a**	**n/a**	**95.26**	**n/a**	**n/a**	**0.00005474**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**WGWC-25**	**0.1**	**n/a**	**2/12/2025**	**0.36**	**Yes**	**190**	**n/a**	**n/a**	**95.26**	**n/a**	**n/a**	**0.00005474**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	**WGWC-8**	**58**	**n/a**	**2/11/2025**	**99**	**Yes**	**198**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	WGWC-9	58	n/a	2/11/2025	9.6	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-10	58	n/a	2/13/2025	8	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-11	58	n/a	2/11/2025	1.7	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-12	58	n/a	2/11/2025	14	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-13	58	n/a	2/12/2025	3.8	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-14A	58	n/a	2/12/2025	0.77	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-15	58	n/a	2/13/2025	30	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-16	58	n/a	2/12/2025	15	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-17	58	n/a	2/11/2025	5.8	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-19	58	n/a	2/13/2025	13	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	**WGWC-20**	**58**	**n/a**	**2/12/2025**	**230**	**Yes**	**198**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**WGWC-21**	**58**	**n/a**	**2/13/2025**	**64**	**Yes**	**198**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	WGWC-22	58	n/a	2/12/2025	13	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-23	58	n/a	2/13/2025	4.4	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-24	58	n/a	2/13/2025	20	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-25	58	n/a	2/12/2025	31	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	**WGWC-8**	**6.05**	**n/a**	**2/11/2025**	**120**	**Yes**	**198**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	WGWC-9	6.05	n/a	2/11/2025	2	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-10	6.05	n/a	2/13/2025	1.5	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-11	6.05	n/a	2/11/2025	0.45J	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-12	6.05	n/a	2/11/2025	3.7	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-13	6.05	n/a	2/12/2025	1.3	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-14A	6.05	n/a	2/12/2025	2.4	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-15	6.05	n/a	2/13/2025	1.1	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	**WGWC-16**	**6.05**	**n/a**	**2/12/2025**	**28**	**Yes**	**198**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	WGWC-17	6.05	n/a	2/11/2025	1.9	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-19	6.05	n/a	2/13/2025	3.1	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	**WGWC-20**	**6.05**	**n/a**	**2/12/2025**	**380**	**Yes**	**198**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**WGWC-21**	**6.05**	**n/a**	**2/13/2025**	**48**	**Yes**	**198**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	WGWC-22	6.05	n/a	2/12/2025	4.1	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-23	6.05	n/a	2/13/2025	3.1	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	**WGWC-24**	**6.05**	**n/a**	**2/13/2025**	**19**	**Yes**	**198**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**WGWC-25**	**6.05**	**n/a**	**2/12/2025**	**24**	**Yes**	**198**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	WGWC-8	0.284	n/a	2/11/2025	0.2ND	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	**WGWC-9**	**0.284**	**n/a**	**2/11/2025**	**0.4**	**Yes**	**222**	**n/a**	**n/a**	**47.75**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	WGWC-10	0.284	n/a	2/13/2025	0.2ND	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-11	0.284	n/a	2/11/2025	0.2ND	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-12	0.284	n/a	2/11/2025	0.2ND	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-13	0.284	n/a	2/12/2025	0.2ND	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-14A	0.284	n/a	2/12/2025	0.2ND	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	**WGWC-15**	**0.284**	**n/a**	**2/13/2025**	**0.72**	**Yes**	**222**	**n/a**	**n/a**	**47.75**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	WGWC-16	0.284	n/a	2/12/2025	0.2ND	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2

Appendix III - Interwell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 2:05 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-17	0.284	n/a	2/11/2025	0.2ND	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-19	0.284	n/a	2/13/2025	0.058J	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-20	0.284	n/a	2/12/2025	0.2ND	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-21	0.284	n/a	2/13/2025	0.2ND	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-22	0.284	n/a	2/12/2025	0.2ND	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-23	0.284	n/a	2/13/2025	0.2ND	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-24	0.284	n/a	2/13/2025	0.2ND	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-25	0.284	n/a	2/12/2025	0.2ND	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-8	8.01	4.96	2/11/2025	5.23	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-9	8.01	4.96	2/11/2025	5.86	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-10	8.01	4.96	2/13/2025	6.27	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-11	8.01	4.96	2/11/2025	5.54	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-12	8.01	4.96	2/11/2025	6.63	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-13	8.01	4.96	2/12/2025	6.32	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-14A	8.01	4.96	2/12/2025	5.44	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-15	8.01	4.96	2/13/2025	7.87	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-16	8.01	4.96	2/12/2025	5.42	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-17	8.01	4.96	2/11/2025	6.26	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-19	8.01	4.96	2/13/2025	6.7	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-20	8.01	4.96	2/12/2025	5.33	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-21	8.01	4.96	2/13/2025	6.63	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-22	8.01	4.96	2/12/2025	5.47	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-23	8.01	4.96	2/13/2025	5.58	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	**WGWC-24**	**8.01**	**4.96**	**2/13/2025**	**4.49**	**Yes**	**221**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00009815**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	WGWC-25	8.01	4.96	2/12/2025	6.19	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**WGWC-8**	**21**	**n/a**	**2/11/2025**	**280**	**Yes**	**198**	**n/a**	**n/a**	**23.74**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**WGWC-9**	**21**	**n/a**	**2/11/2025**	**26**	**Yes**	**198**	**n/a**	**n/a**	**23.74**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	WGWC-10	21	n/a	2/13/2025	1.9	No	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-11	21	n/a	2/11/2025	0.41J	No	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-12	21	n/a	2/11/2025	13	No	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-13	21	n/a	2/12/2025	2.6	No	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-14A	21	n/a	2/12/2025	0.45J	No	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-15	21	n/a	2/13/2025	13	No	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**WGWC-16**	**21**	**n/a**	**2/12/2025**	**40**	**Yes**	**198**	**n/a**	**n/a**	**23.74**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	WGWC-17	21	n/a	2/11/2025	3.4	No	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-19	21	n/a	2/13/2025	3.3	No	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**WGWC-20**	**21**	**n/a**	**2/12/2025**	**470**	**Yes**	**198**	**n/a**	**n/a**	**23.74**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**WGWC-21**	**21**	**n/a**	**2/13/2025**	**350**	**Yes**	**198**	**n/a**	**n/a**	**23.74**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**WGWC-22**	**21**	**n/a**	**2/12/2025**	**66**	**Yes**	**198**	**n/a**	**n/a**	**23.74**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	WGWC-23	21	n/a	2/13/2025	7.3	No	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**WGWC-24**	**21**	**n/a**	**2/13/2025**	**79**	**Yes**	**198**	**n/a**	**n/a**	**23.74**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	WGWC-25	21	n/a	2/12/2025	17	No	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	**WGWC-8**	**190**	**n/a**	**2/11/2025**	**630**	**Yes**	**198**	**n/a**	**n/a**	**5.556**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	WGWC-9	190	n/a	2/11/2025	140	No	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-10	190	n/a	2/13/2025	58	No	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-11	190	n/a	2/11/2025	35	No	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-12	190	n/a	2/11/2025	96	No	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-13	190	n/a	2/12/2025	84	No	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-14A	190	n/a	2/12/2025	28	No	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-15	190	n/a	2/13/2025	140	No	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-16	190	n/a	2/12/2025	120	No	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-17	190	n/a	2/11/2025	81	No	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-19	190	n/a	2/13/2025	100	No	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	**WGWC-20**	**190**	**n/a**	**2/12/2025**	**1300**	**Yes**	**198**	**n/a**	**n/a**	**5.556**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**WGWC-21**	**190**	**n/a**	**2/13/2025**	**610**	**Yes**	**198**	**n/a**	**n/a**	**5.556**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	WGWC-22	190	n/a	2/12/2025	150	No	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-23	190	n/a	2/13/2025	140	No	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-24	190	n/a	2/13/2025	160	No	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-25	190	n/a	2/12/2025	170	No	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2

Appendix III Trend Tests - Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 2:08 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Boron (mg/L)	WGWC-8	0.2014	203	105	Yes	24	0	n/a	0.01	NP
Boron (mg/L)	WGWC-9	0.03737	139	105	Yes	24	0	n/a	0.01	NP
Boron (mg/L)	WGWC-16	-0.7068	-197	-105	Yes	24	0	n/a	0.01	NP
Boron (mg/L)	WGWC-20	1.261	42	38	Yes	12	0	n/a	0.01	NP
Calcium (mg/L)	WGWA-1 (bg)	0.04132	158	111	Yes	25	0	n/a	0.01	NP
Calcium (mg/L)	WGWA-18 (bg)	-1.273	-143	-111	Yes	25	0	n/a	0.01	NP
Calcium (mg/L)	WGWC-8	8.14	258	111	Yes	25	0	n/a	0.01	NP
Chloride (mg/L)	WGWA-2 (bg)	0.05277	128	111	Yes	25	0	n/a	0.01	NP
Chloride (mg/L)	WGWA-5 (bg)	-0.09982	-140	-98	Yes	23	0	n/a	0.01	NP
Chloride (mg/L)	WGWC-8	14.32	227	111	Yes	25	0	n/a	0.01	NP
Chloride (mg/L)	WGWC-16	-34.58	-202	-111	Yes	25	0	n/a	0.01	NP
Chloride (mg/L)	WGWC-24	-23.69	-60	-38	Yes	12	0	n/a	0.01	NP
Fluoride (mg/L)	WGWA-18 (bg)	-0.01127	-174	-131	Yes	28	17.86	n/a	0.01	NP
Fluoride (mg/L)	WGWC-9	-0.1138	-273	-131	Yes	28	0	n/a	0.01	NP
Fluoride (mg/L)	WGWC-15	-0.02055	-158	-131	Yes	28	0	n/a	0.01	NP
pH, Field (SU)	WGWA-2 (bg)	-0.03387	-149	-131	Yes	28	0	n/a	0.01	NP
pH, Field (SU)	WGWA-18 (bg)	-0.1363	-168	-131	Yes	28	0	n/a	0.01	NP
Sulfate (mg/L)	WGWA-4 (bg)	0.2872	143	111	Yes	25	0	n/a	0.01	NP
Sulfate (mg/L)	WGWA-18 (bg)	-0.5169	-119	-111	Yes	25	0	n/a	0.01	NP
Sulfate (mg/L)	WGWC-8	12.45	212	111	Yes	25	0	n/a	0.01	NP
Sulfate (mg/L)	WGWC-16	-66.74	-189	-111	Yes	25	0	n/a	0.01	NP
TDS (mg/L)	WGWA-1 (bg)	2.937	147	111	Yes	25	16	n/a	0.01	NP
TDS (mg/L)	WGWC-8	40.52	246	111	Yes	25	0	n/a	0.01	NP

Appendix III Trend Tests - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 2:08 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Boron (mg/L)	WGWA-1 (bg)	0	-15	-105	No	24	95.83	n/a	0.01	NP
Boron (mg/L)	WGWA-2 (bg)	0	-40	-105	No	24	83.33	n/a	0.01	NP
Boron (mg/L)	WGWA-3 (bg)	0	0	105	No	24	100	n/a	0.01	NP
Boron (mg/L)	WGWA-4 (bg)	0	0	105	No	24	100	n/a	0.01	NP
Boron (mg/L)	WGWA-5 (bg)	0	-17	-92	No	22	95.45	n/a	0.01	NP
Boron (mg/L)	WGWA-6 (bg)	0	0	105	No	24	100	n/a	0.01	NP
Boron (mg/L)	WGWA-7 (bg)	0	-15	-105	No	24	95.83	n/a	0.01	NP
Boron (mg/L)	WGWA-18 (bg)	0	20	105	No	24	91.67	n/a	0.01	NP
Boron (mg/L)	**WGWC-8**	**0.2014**	**203**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**WGWC-9**	**0.03737**	**139**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**WGWC-16**	**-0.7068**	**-197**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**WGWC-20**	**1.261**	**42**	**38**	**Yes**	**12**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	WGWC-21	0	-6	-38	No	12	0	n/a	0.01	NP
Boron (mg/L)	WGWC-22	-0.004949	-13	-38	No	12	0	n/a	0.01	NP
Boron (mg/L)	WGWC-24	-0.3234	-38	-38	No	12	0	n/a	0.01	NP
Boron (mg/L)	WGWC-25	0.003646	0	38	No	12	0	n/a	0.01	NP
Calcium (mg/L)	**WGWA-1 (bg)**	**0.04132**	**158**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	WGWA-2 (bg)	0	-31	-111	No	25	0	n/a	0.01	NP
Calcium (mg/L)	WGWA-3 (bg)	0	8	111	No	25	0	n/a	0.01	NP
Calcium (mg/L)	WGWA-4 (bg)	0	35	111	No	25	0	n/a	0.01	NP
Calcium (mg/L)	WGWA-5 (bg)	-0.03453	-24	-98	No	23	0	n/a	0.01	NP
Calcium (mg/L)	WGWA-6 (bg)	0.1608	61	111	No	25	0	n/a	0.01	NP
Calcium (mg/L)	WGWA-7 (bg)	0.04064	40	111	No	25	0	n/a	0.01	NP
Calcium (mg/L)	**WGWA-18 (bg)**	**-1.273**	**-143**	**-111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**WGWC-8**	**8.14**	**258**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	WGWC-20	32.6	37	38	No	12	0	n/a	0.01	NP
Calcium (mg/L)	WGWC-21	2.441	22	38	No	12	0	n/a	0.01	NP
Chloride (mg/L)	WGWA-1 (bg)	0.04698	97	111	No	25	0	n/a	0.01	NP
Chloride (mg/L)	**WGWA-2 (bg)**	**0.05277**	**128**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWA-3 (bg)	0	-2	-111	No	25	0	n/a	0.01	NP
Chloride (mg/L)	WGWA-4 (bg)	0	-36	-111	No	25	0	n/a	0.01	NP
Chloride (mg/L)	**WGWA-5 (bg)**	**-0.09982**	**-140**	**-98**	**Yes**	**23**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWA-6 (bg)	0	37	111	No	25	0	n/a	0.01	NP
Chloride (mg/L)	WGWA-7 (bg)	0	-1	-111	No	25	0	n/a	0.01	NP
Chloride (mg/L)	WGWA-18 (bg)	-0.04403	-85	-111	No	25	0	n/a	0.01	NP
Chloride (mg/L)	**WGWC-8**	**14.32**	**227**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**WGWC-16**	**-34.58**	**-202**	**-111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWC-20	59.6	33	38	No	12	0	n/a	0.01	NP
Chloride (mg/L)	WGWC-21	0	2	38	No	12	0	n/a	0.01	NP
Chloride (mg/L)	**WGWC-24**	**-23.69**	**-60**	**-38**	**Yes**	**12**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWC-25	-8.743	-21	-38	No	12	0	n/a	0.01	NP
Fluoride (mg/L)	WGWA-1 (bg)	0	5	131	No	28	78.57	n/a	0.01	NP
Fluoride (mg/L)	WGWA-2 (bg)	-0.003519	-93	-131	No	28	39.29	n/a	0.01	NP
Fluoride (mg/L)	WGWA-3 (bg)	0	-24	-131	No	28	67.86	n/a	0.01	NP
Fluoride (mg/L)	WGWA-4 (bg)	-0.004866	-127	-131	No	28	3.571	n/a	0.01	NP
Fluoride (mg/L)	WGWA-5 (bg)	0	32	118	No	26	88.46	n/a	0.01	NP
Fluoride (mg/L)	WGWA-6 (bg)	-0.002058	-80	-131	No	28	10.71	n/a	0.01	NP
Fluoride (mg/L)	WGWA-7 (bg)	0	-1	-131	No	28	78.57	n/a	0.01	NP
Fluoride (mg/L)	**WGWA-18 (bg)**	**-0.01127**	**-174**	**-131**	**Yes**	**28**	**17.86**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**WGWC-9**	**-0.1138**	**-273**	**-131**	**Yes**	**28**	**0**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**WGWC-15**	**-0.02055**	**-158**	**-131**	**Yes**	**28**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	WGWA-1 (bg)	-0.01038	-62	-131	No	28	0	n/a	0.01	NP
pH, Field (SU)	**WGWA-2 (bg)**	**-0.03387**	**-149**	**-131**	**Yes**	**28**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	WGWA-3 (bg)	-0.02045	-128	-131	No	28	0	n/a	0.01	NP
pH, Field (SU)	WGWA-4 (bg)	0.03418	52	131	No	28	0	n/a	0.01	NP

Appendix III Trend Tests - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 2:08 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
pH, Field (SU)	WGWA-5 (bg)	-0.01322	-27	-118	No	26	0	n/a	0.01	NP
pH, Field (SU)	WGWA-6 (bg)	0.03358	111	124	No	27	0	n/a	0.01	NP
pH, Field (SU)	WGWA-7 (bg)	-0.01299	-43	-131	No	28	0	n/a	0.01	NP
pH, Field (SU)	**WGWA-18 (bg)**	**-0.1363**	**-168**	**-131**	**Yes**	**28**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	WGWC-24	0.0504	27	38	No	12	0	n/a	0.01	NP
Sulfate (mg/L)	WGWA-1 (bg)	0	-7	-111	No	25	92	n/a	0.01	NP
Sulfate (mg/L)	WGWA-2 (bg)	-0.03802	-74	-111	No	25	0	n/a	0.01	NP
Sulfate (mg/L)	WGWA-3 (bg)	-0.006092	-26	-111	No	25	8	n/a	0.01	NP
Sulfate (mg/L)	**WGWA-4 (bg)**	**0.2872**	**143**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	WGWA-5 (bg)	0.028	28	98	No	23	21.74	n/a	0.01	NP
Sulfate (mg/L)	WGWA-6 (bg)	-0.1016	-81	-111	No	25	0	n/a	0.01	NP
Sulfate (mg/L)	WGWA-7 (bg)	0	-48	-111	No	25	68	n/a	0.01	NP
Sulfate (mg/L)	**WGWA-18 (bg)**	**-0.5169**	**-119**	**-111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**WGWC-8**	**12.45**	**212**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	WGWC-9	1.781	95	111	No	25	0	n/a	0.01	NP
Sulfate (mg/L)	**WGWC-16**	**-66.74**	**-189**	**-111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	WGWC-20	36.35	28	38	No	12	0	n/a	0.01	NP
Sulfate (mg/L)	WGWC-21	41.32	37	38	No	12	0	n/a	0.01	NP
Sulfate (mg/L)	WGWC-22	-12.21	-20	-38	No	12	0	n/a	0.01	NP
Sulfate (mg/L)	WGWC-24	-28.75	-37	-38	No	12	0	n/a	0.01	NP
TDS (mg/L)	**WGWA-1 (bg)**	**2.937**	**147**	**111**	**Yes**	**25**	**16**	**n/a**	**0.01**	**NP**
TDS (mg/L)	WGWA-2 (bg)	3.321	83	111	No	25	0	n/a	0.01	NP
TDS (mg/L)	WGWA-3 (bg)	1.576	99	111	No	25	4	n/a	0.01	NP
TDS (mg/L)	WGWA-4 (bg)	1.154	73	111	No	25	0	n/a	0.01	NP
TDS (mg/L)	WGWA-5 (bg)	2.455	47	98	No	23	13.04	n/a	0.01	NP
TDS (mg/L)	WGWA-6 (bg)	1.835	79	111	No	25	0	n/a	0.01	NP
TDS (mg/L)	WGWA-7 (bg)	2.579	86	111	No	25	12	n/a	0.01	NP
TDS (mg/L)	WGWA-18 (bg)	-4.064	-91	-111	No	25	0	n/a	0.01	NP
TDS (mg/L)	**WGWC-8**	**40.52**	**246**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	WGWC-20	164.4	37	38	No	12	0	n/a	0.01	NP
TDS (mg/L)	WGWC-21	35.29	27	38	No	12	0	n/a	0.01	NP

Upper Tolerance Limits Summary Table

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 2:22 PM

Constituent	Upper Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	0.0022	166	n/a	n/a	98.19	n/a	n/a	0.0002005	NP Inter(NDs)
Arsenic (mg/L)	0.0014	214	n/a	n/a	83.18	n/a	n/a	NaN	NP Inter(NDs)
Barium (mg/L)	0.062	214	n/a	n/a	0	n/a	n/a	NaN	NP Inter(normality)
Beryllium (mg/L)	0.0025	214	n/a	n/a	94.86	n/a	n/a	NaN	NP Inter(NDs)
Cadmium (mg/L)	0.0025	198	n/a	n/a	100	n/a	n/a	NaN	NP Inter(NDs)
Chromium (mg/L)	0.0063	213	n/a	n/a	94.37	n/a	n/a	NaN	NP Inter(NDs)
Cobalt (mg/L)	0.0066	212	n/a	n/a	46.7	n/a	n/a	NaN	NP Inter(normality)
Combined Radium 226 + 228 (pCi/L)	13.1	212	n/a	n/a	0	n/a	n/a	NaN	NP Inter(normality)
Fluoride (mg/L)	0.284	222	n/a	n/a	47.75	n/a	n/a	NaN	NP Inter(normality)
Lead (mg/L)	0.0015	198	n/a	n/a	89.9	n/a	n/a	NaN	NP Inter(NDs)
Lithium (mg/L)	0.013	204	n/a	n/a	51.96	n/a	n/a	NaN	NP Inter(NDs)
Mercury (mg/L)	0.0002	182	n/a	n/a	91.76	n/a	n/a	NaN	NP Inter(NDs)
Molybdenum (mg/L)	0.015	213	n/a	n/a	92.02	n/a	n/a	NaN	NP Inter(NDs)
Selenium (mg/L)	0.005	214	n/a	n/a	95.79	n/a	n/a	NaN	NP Inter(NDs)
Thallium (mg/L)	0.001	214	n/a	n/a	93.93	n/a	n/a	NaN	NP Inter(NDs)

WANSLEY AP GWPS				
Constituent Name	**MCL**	**CCR-Rule Specified**	**Background**	**GWPS**
Antimony, Total (mg/L)	0.006		0.0022	0.006
Arsenic, Total (mg/L)	0.01		0.0014	0.01
Barium, Total (mg/L)	2		0.062	2
Beryllium, Total (mg/L)	0.004		0.0025	0.004
Cadmium, Total (mg/L)	0.005		0.0025	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	0.013	0.04
Mercury, Total (mg/L)	0.002		0.0002	0.002
Molybdenum, Total (mg/L)	n/a	0.1	0.015	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.

Appendix IV Confidence Intervals - Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 2:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Beryllium (mg/L)	**WGWC-20**	**0.0115**	**0.008902**	**0.004**	**Yes**	**10**	**0.0102**	**0.001454**	**0**	**None**	**No**	**0.01**	**Param.**
Beryllium (mg/L)	**WGWC-24**	**0.01133**	**0.004591**	**0.004**	**Yes**	**10**	**0.00796**	**0.003776**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**WGWC-24**	**0.09563**	**0.03017**	**0.0066**	**Yes**	**10**	**0.0629**	**0.03669**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-19**	**0.05699**	**0.05012**	**0.04**	**Yes**	**27**	**0.05356**	**0.007202**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-20**	**0.1452**	**0.1165**	**0.04**	**Yes**	**12**	**0.1308**	**0.01832**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-21**	**0.06974**	**0.04901**	**0.04**	**Yes**	**8**	**0.05938**	**0.009782**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-28D**	**0.2198**	**0.1762**	**0.04**	**Yes**	**5**	**0.198**	**0.01304**	**0**	**None**	**No**	**0.01**	**Param.**

Appendix IV Confidence Intervals - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 2:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	WGWC-8	0.0074	0.00064	0.006	No	21	0.002902	0.002547	80.95	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-9	0.0043	0.0011	0.006	No	21	0.0026	0.002174	57.14	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-11	0.002	0.00053	0.006	No	21	0.00193	0.0003208	95.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-12	0.0023	0.002	0.006	No	21	0.002014	0.00006547	95.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-19	0.002	0.00058	0.006	No	21	0.001932	0.0003099	95.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-20	0.002	0.00066	0.006	No	10	0.001489	0.0006786	60	None	No	0.011	NP (NDs)
Antimony (mg/L)	WGWC-21	0.002	0.00055	0.006	No	10	0.001584	0.0006725	70	None	No	0.011	NP (NDs)
Antimony (mg/L)	WGWC-22	0.002	0.00076	0.006	No	10	0.00141	0.000642	50	None	No	0.011	NP (normality)
Antimony (mg/L)	WGWC-23	0.002	0.0013	0.006	No	10	0.00185	0.0003308	60	None	No	0.011	NP (NDs)
Antimony (mg/L)	WGWC-27	0.002	0.00047	0.006	No	6	0.001422	0.0007291	50	None	No	0.0155	NP (normality)
Antimony (mg/L)	WGWC-28D	0.002	0.00057	0.006	No	4	0.001643	0.000715	75	None	No	0.0625	NP (NDs)
Antimony (mg/L)	PZ-26D	0.002	0.00038	0.006	No	4	0.001595	0.00081	75	None	No	0.0625	NP (NDs)
Arsenic (mg/L)	WGWC-8	0.001054	0.0006887	0.01	No	27	0.001037	0.0003114	40.74	Kaplan-Meier	No	0.01	Param.
Arsenic (mg/L)	WGWC-9	0.001	0.00078	0.01	No	27	0.0009981	0.0001775	88.89	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-10	0.001	0.00089	0.01	No	27	0.0009048	0.0002236	81.48	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-11	0.001	0.00054	0.01	No	27	0.0009452	0.0001583	88.89	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-12	0.001	0.001	0.01	No	27	0.0009396	0.0001753	85.19	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-13	0.001	0.00048	0.01	No	27	0.0008141	0.0003059	55.56	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-14A	0.0014	0.001	0.01	No	27	0.00118	0.0005115	74.07	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-15	0.001695	0.0009401	0.01	No	27	0.001513	0.0007641	18.52	Kaplan-Meier	No	0.01	Param.
Arsenic (mg/L)	WGWC-16	0.0013	0.001	0.01	No	27	0.001117	0.0002917	62.96	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-17	0.001	0.00076	0.01	No	27	0.0008815	0.0001921	62.96	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-20	0.000959	0.0003444	0.01	No	10	0.000814	0.0003158	40	Kaplan-Meier	x^2	0.01	Param.
Arsenic (mg/L)	WGWC-21	0.001	0.00036	0.01	No	10	0.000757	0.0002929	50	None	No	0.011	NP (normality)
Arsenic (mg/L)	WGWC-22	0.001	0.00046	0.01	No	10	0.000885	0.0002735	70	None	No	0.011	NP (NDs)
Arsenic (mg/L)	WGWC-24	0.001912	0.0003128	0.01	No	10	0.001392	0.0009789	40	Kaplan-Meier	sqrt(x)	0.01	Param.
Arsenic (mg/L)	WGWC-25	0.001	0.001	0.01	No	10	0.000996	0.00001265	90	Kaplan-Meier	No	0.011	NP (NDs)
Arsenic (mg/L)	WGWC-28D	0.003154	0.0003459	0.01	No	4	0.00175	0.0007141	25	Kaplan-Meier	No	0.01	Param.
Barium (mg/L)	WGWC-8	0.01	0.0013	2	No	27	0.004463	0.004045	33.33	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-9	0.01	0.0014	2	No	27	0.00552	0.004422	48.15	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-10	0.03937	0.03422	2	No	27	0.03711	0.00608	0	None	ln(x)	0.01	Param.
Barium (mg/L)	WGWC-11	0.04228	0.03461	2	No	27	0.03844	0.008035	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-12	0.018	0.015	2	No	27	0.01683	0.003667	0	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-13	0.05273	0.04416	2	No	27	0.04844	0.008984	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-14A	0.042	0.027	2	No	27	0.03593	0.01307	0	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-15	0.02666	0.02205	2	No	27	0.02436	0.00484	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-16	0.05269	0.03933	2	No	27	0.0468	0.01444	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	WGWC-17	0.017	0.011	2	No	27	0.014	0.003835	0	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-19	0.0077	0.0012	2	No	27	0.004323	0.004059	29.63	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-20	0.01	0.01	2	No	10	0.009091	0.002875	90	None	No	0.011	NP (NDs)
Barium (mg/L)	WGWC-21	0.007505	0.004375	2	No	10	0.00594	0.001754	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-22	0.03674	0.02226	2	No	10	0.0295	0.008114	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-23	0.01139	0.006246	2	No	10	0.00882	0.002885	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-24	0.04826	0.03254	2	No	10	0.0404	0.008809	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-25	0.3747	0.2053	2	No	10	0.29	0.09499	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-27	0.004947	0.00332	2	No	6	0.004133	0.0005922	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-28D	0.02102	0.006481	2	No	4	0.01375	0.003202	0	None	No	0.01	Param.
Barium (mg/L)	PZ-26D	0.02903	0.01397	2	No	4	0.0215	0.003317	0	None	No	0.01	Param.
Beryllium (mg/L)	WGWC-8	0.002243	0.001753	0.004	No	27	0.001998	0.0005139	0	None	No	0.01	Param.
Beryllium (mg/L)	WGWC-9	0.0025	0.00036	0.004	No	27	0.001089	0.001018	33.33	None	No	0.01	NP (normality)
Beryllium (mg/L)	WGWC-14A	0.0025	0.00026	0.004	No	27	0.001585	0.001125	59.26	None	No	0.01	NP (NDs)
Beryllium (mg/L)	WGWC-16	0.0025	0.00022	0.004	No	27	0.002416	0.0004388	96.3	None	No	0.01	NP (NDs)
Beryllium (mg/L)	**WGWC-20**	**0.0115**	**0.008902**	**0.004**	**Yes**	**10**	**0.0102**	**0.001454**	**0**	**None**	**No**	**0.01**	**Param.**
Beryllium (mg/L)	WGWC-21	0.0025	0.00021	0.004	No	10	0.001372	0.001189	50	None	No	0.011	NP (normality)
Beryllium (mg/L)	WGWC-22	0.0006524	0.0005276	0.004	No	10	0.00059	0.00006992	0	None	No	0.01	Param.

Appendix IV Confidence Intervals - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 2:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Beryllium (mg/L)	WGWC-23	0.001363	0.0009449	0.004	No	10	0.001154	0.0002343	0	None	No	0.01	Param.
Beryllium (mg/L)	**WGWC-24**	**0.01133**	**0.004591**	**0.004**	**Yes**	**10**	**0.00796**	**0.003776**	**0**	**None**	**No**	**0.01**	**Param.**
Beryllium (mg/L)	WGWC-25	0.0025	0.00022	0.004	No	10	0.001376	0.001185	50	None	No	0.011	NP (normality)
Beryllium (mg/L)	WGWC-27	0.001304	0	0.004	No	6	0.0008533	0.0003859	0	None	x^3	0.01	Param.
Beryllium (mg/L)	WGWC-28D	0.002904	0.0002615	0.004	No	4	0.001583	0.0005819	0	None	No	0.01	Param.
Cadmium (mg/L)	WGWC-8	0.0025	0.00065	0.005	No	25	0.002151	0.0008204	84	None	No	0.01	NP (NDs)
Cadmium (mg/L)	WGWC-10	0.0025	0.00021	0.005	No	25	0.002408	0.000458	96	None	No	0.01	NP (NDs)
Cadmium (mg/L)	WGWC-16	0.0025	0.00054	0.005	No	25	0.001369	0.001035	44	None	No	0.01	NP (normality)
Cadmium (mg/L)	WGWC-20	0.0025	0.00022	0.005	No	10	0.001211	0.001115	40	None	No	0.011	NP (normality)
Cadmium (mg/L)	WGWC-22	0.0025	0.00011	0.005	No	10	0.001336	0.001228	50	None	No	0.011	NP (normality)
Cadmium (mg/L)	WGWC-24	0.000457	0.00013	0.005	No	10	0.0002935	0.0001833	0	None	No	0.01	Param.
Cadmium (mg/L)	WGWC-25	0.0025	0.00012	0.005	No	10	0.002022	0.001008	80	None	No	0.011	NP (NDs)
Cadmium (mg/L)	WGWC-27	0.0025	0.00008	0.005	No	6	0.002097	0.000988	83.33	None	No	0.0155	NP (NDs)
Chromium (mg/L)	WGWC-9	0.0025	0.002	0.1	No	27	0.002019	0.00009623	92.59	None	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-10	0.002461	0.001709	0.1	No	27	0.002085	0.0007887	11.11	None	No	0.01	Param.
Chromium (mg/L)	WGWC-11	0.002	0.0017	0.1	No	27	0.00193	0.0002334	85.19	None	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-13	0.002	0.0019	0.1	No	27	0.001967	0.00008771	85.19	None	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-14A	0.002	0.0017	0.1	No	27	0.001989	0.00005774	96.3	None	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-15	0.002	0.0015	0.1	No	27	0.001981	0.00009623	96.3	None	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-21	0.002	0.002	0.1	No	10	0.00195	0.0001581	90	None	No	0.011	NP (NDs)
Chromium (mg/L)	WGWC-23	0.002	0.002	0.1	No	10	0.00197	0.00009487	90	None	No	0.011	NP (NDs)
Chromium (mg/L)	WGWC-28D	0.002	0.002	0.1	No	4	0.002	4.7e-11	75	None	No	0.0625	NP (NDs)
Cobalt (mg/L)	WGWC-8	0.0025	0.00075	0.0066	No	27	0.00185	0.0009896	51.85	None	No	0.01	NP (NDs)
Cobalt (mg/L)	WGWC-9	0.0025	0.00073	0.0066	No	27	0.002434	0.0003406	96.3	None	No	0.01	NP (NDs)
Cobalt (mg/L)	WGWC-10	0.001233	0.0006678	0.0066	No	27	0.001366	0.0008699	18.52	Kaplan-Meier	sqrt(x)	0.01	Param.
Cobalt (mg/L)	WGWC-11	0.0025	0.00069	0.0066	No	27	0.001716	0.0009357	48.15	None	No	0.01	NP (normality)
Cobalt (mg/L)	WGWC-12	0.0008484	0.0004125	0.0066	No	27	0.000833	0.0009677	3.704	None	ln(x)	0.01	Param.
Cobalt (mg/L)	WGWC-13	0.0025	0.0008	0.0066	No	27	0.001953	0.0009489	74.07	None	No	0.01	NP (NDs)
Cobalt (mg/L)	WGWC-14A	0.007723	0.003779	0.0066	No	27	0.006315	0.004524	0	None	sqrt(x)	0.01	Param.
Cobalt (mg/L)	WGWC-15	0.0025	0.00015	0.0066	No	27	0.002413	0.0004523	96.3	None	No	0.01	NP (NDs)
Cobalt (mg/L)	WGWC-16	0.003731	0.0005539	0.0066	No	27	0.005642	0.005703	33.33	Kaplan-Meier	x^(1/3)	0.01	Param.
Cobalt (mg/L)	WGWC-17	0.00245	0.00052	0.0066	No	27	0.001448	0.000892	25.93	None	No	0.01	NP (normality)
Cobalt (mg/L)	WGWC-19	0.0025	0.00025	0.0066	No	27	0.001292	0.001106	44.44	None	No	0.01	NP (normality)
Cobalt (mg/L)	WGWC-20	0.0025	0.00046	0.0066	No	10	0.002083	0.0008794	80	None	No	0.011	NP (NDs)
Cobalt (mg/L)	WGWC-21	0.0025	0.00039	0.0066	No	10	0.001505	0.001065	50	None	No	0.011	NP (normality)
Cobalt (mg/L)	WGWC-22	0.0025	0.00034	0.0066	No	10	0.001847	0.001052	70	None	No	0.011	NP (NDs)
Cobalt (mg/L)	WGWC-23	0.0025	0.00017	0.0066	No	10	0.001805	0.001119	70	None	No	0.011	NP (NDs)
Cobalt (mg/L)	**WGWC-24**	**0.09563**	**0.03017**	**0.0066**	**Yes**	**10**	**0.0629**	**0.03669**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	WGWC-25	0.007566	0.004094	0.0066	No	10	0.00583	0.001946	0	None	No	0.01	Param.
Cobalt (mg/L)	WGWC-27	0.002496	0.001338	0.0066	No	6	0.001917	0.0004215	0	None	No	0.01	Param.
Cobalt (mg/L)	WGWC-28D	0.00101	0.00005662	0.0066	No	4	0.001025	0.001006	25	Kaplan-Meier	No	0.01	Param.
Cobalt (mg/L)	PZ-26D	0.02319	0	0.0066	No	4	0.008275	0.006571	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-8	2.304	1.591	13.1	No	27	1.948	0.7477	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-9	0.48	0.14	13.1	No	27	0.382	0.4712	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	WGWC-10	0.4886	0.199	13.1	No	27	0.3438	0.3036	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-11	0.6265	0.2502	13.1	No	27	0.4383	0.3944	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-12	0.6187	0.2758	13.1	No	27	0.4473	0.3594	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-13	0.7315	0.4542	13.1	No	27	0.5928	0.2907	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-14A	0.8055	0.5495	13.1	No	27	0.6972	0.2912	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-15	0.6966	0.3462	13.1	No	27	0.5214	0.3673	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-16	1.459	0.7523	13.1	No	27	1.199	0.8319	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-17	0.5278	0.2087	13.1	No	27	0.3683	0.3345	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-19	0.523	0.19	13.1	No	27	0.4158	0.3705	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	WGWC-20	1.256	0.7544	13.1	No	10	1.005	0.2812	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-21	2.015	0.7512	13.1	No	10	1.383	0.7085	0	None	No	0.01	Param.

Appendix IV Confidence Intervals - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 2:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	WGWC-22	6.303	3.715	13.1	No	10	5.009	1.451	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-23	1.524	0.4583	13.1	No	10	0.9911	0.5972	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-24	1.369	0.742	13.1	No	10	1.056	0.3515	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-25	1.138	0.585	13.1	No	10	0.8613	0.3097	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-27	6.766	0.7426	13.1	No	6	3.754	2.192	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-28D	19.89	2.236	13.1	No	4	11.07	3.889	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-26D	1.789	0.3198	13.1	No	4	1.055	0.3236	0	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-8	0.2979	0.1796	4	No	28	0.2388	0.1266	10.71	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-9	1.375	1.044	4	No	28	1.21	0.3539	0	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-10	0.159	0.1185	4	No	28	0.1388	0.04328	7.143	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-11	0.2	0.047	4	No	28	0.1379	0.07743	57.14	None	No	0.01	NP (NDs)
Fluoride (mg/L)	WGWC-12	0.09367	0.07072	4	No	28	0.1078	0.04906	17.86	Kaplan-Meier	sqrt(x)	0.01	Param.
Fluoride (mg/L)	WGWC-13	0.2628	0.1918	4	No	28	0.2273	0.07597	7.143	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-14A	0.2	0.057	4	No	28	0.1497	0.07476	67.86	None	No	0.01	NP (NDs)
Fluoride (mg/L)	WGWC-15	0.845	0.7578	4	No	28	0.8014	0.09329	0	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-16	0.1286	0.07105	4	No	28	0.1559	0.1604	17.86	Kaplan-Meier	ln(x)	0.01	Param.
Fluoride (mg/L)	WGWC-17	0.1215	0.08168	4	No	28	0.1016	0.04264	10.71	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-19	0.37	0.3165	4	No	28	0.3371	0.07151	0	None	x^2	0.01	Param.
Fluoride (mg/L)	WGWC-20	2.047	1.114	4	No	12	1.667	0.7152	16.67	Kaplan-Meier	x^3	0.01	Param.
Fluoride (mg/L)	WGWC-21	1.898	1.161	4	No	12	1.583	0.6631	16.67	Kaplan-Meier	x^3	0.01	Param.
Fluoride (mg/L)	WGWC-22	0.6207	0.2384	4	No	12	0.485	0.3755	16.67	Kaplan-Meier	ln(x)	0.01	Param.
Fluoride (mg/L)	WGWC-23	0.2	0.043	4	No	12	0.08042	0.05963	16.67	None	No	0.01	NP (normality)
Fluoride (mg/L)	WGWC-24	0.8251	0.2105	4	No	12	0.5908	0.4015	16.67	Kaplan-Meier	No	0.01	Param.
Fluoride (mg/L)	WGWC-25	0.2	0.028	4	No	12	0.1325	0.08364	58.33	Kaplan-Meier	No	0.01	NP (NDs)
Fluoride (mg/L)	WGWC-27	1.241	0.2922	4	No	6	0.7667	0.3783	16.67	Kaplan-Meier	No	0.01	Param.
Fluoride (mg/L)	WGWC-28D	2.1	0.2	4	No	5	0.86	0.9209	60	Kaplan-Meier	No	0.031	NP (NDs)
Fluoride (mg/L)	PZ-26D	0.2895	0.06718	4	No	6	0.215	0.06504	16.67	Kaplan-Meier	No	0.01	Param.
Lead (mg/L)	WGWC-8	0.001	0.00029	0.015	No	25	0.0007272	0.0003799	64	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-9	0.001	0.00014	0.015	No	25	0.0009656	0.000172	96	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-10	0.001	0.00026	0.015	No	25	0.0006864	0.0003751	56	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-11	0.001	0.00058	0.015	No	25	0.0009024	0.0002338	84	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-12	0.001	0.00033	0.015	No	25	0.0009732	0.000134	96	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-13	0.001	0.00038	0.015	No	25	0.0006552	0.0003242	36	None	No	0.01	NP (normality)
Lead (mg/L)	WGWC-14A	0.001	0.00031	0.015	No	25	0.0007152	0.0003651	60	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-15	0.001	0.0003	0.015	No	25	0.000972	0.00014	96	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-16	0.001	0.00014	0.015	No	25	0.0009308	0.0002395	92	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-17	0.001	0.00033	0.015	No	25	0.0009412	0.0002044	92	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-19	0.001	0.0003	0.015	No	25	0.000972	0.00014	96	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-22	0.001	0.00023	0.015	No	10	0.000641	0.0003818	50	None	No	0.011	NP (normality)
Lead (mg/L)	WGWC-23	0.002	0.001	0.015	No	10	0.00146	0.001147	80	None	No	0.011	NP (NDs)
Lead (mg/L)	WGWC-24	0.0008185	0.0002895	0.015	No	10	0.000554	0.0002965	0	None	No	0.01	Param.
Lead (mg/L)	WGWC-25	0.001	0.001	0.015	No	10	0.000965	0.0001107	90	None	No	0.011	NP (NDs)
Lead (mg/L)	WGWC-28D	0.001	0.00022	0.015	No	4	0.000805	0.00039	75	None	No	0.0625	NP (NDs)
Lead (mg/L)	PZ-26D	0.001	0.001	0.015	No	4	0.001	2.4e-11	75	None	No	0.0625	NP (NDs)
Lithium (mg/L)	WGWC-8	0.015	0.013	0.04	No	27	0.01578	0.008964	0	None	No	0.01	NP (normality)
Lithium (mg/L)	WGWC-9	0.03624	0.0315	0.04	No	27	0.03387	0.004972	0	None	No	0.01	Param.
Lithium (mg/L)	WGWC-10	0.01164	0.005906	0.04	No	27	0.009548	0.006978	3.704	None	sqrt(x)	0.01	Param.
Lithium (mg/L)	WGWC-11	0.005	0.0025	0.04	No	27	0.00436	0.00139	81.48	None	No	0.01	NP (NDs)
Lithium (mg/L)	WGWC-12	0.0077	0.0061	0.04	No	27	0.007181	0.004004	3.704	None	No	0.01	NP (normality)
Lithium (mg/L)	WGWC-13	0.005	0.0037	0.04	No	27	0.004289	0.001186	70.37	None	No	0.01	NP (NDs)
Lithium (mg/L)	WGWC-14A	0.005	0.0033	0.04	No	27	0.004152	0.001319	66.67	None	No	0.01	NP (NDs)
Lithium (mg/L)	WGWC-15	0.007123	0.00541	0.04	No	27	0.006267	0.001796	7.407	None	No	0.01	Param.
Lithium (mg/L)	WGWC-16	0.008831	0.005273	0.04	No	27	0.007052	0.00373	11.11	None	No	0.01	Param.
Lithium (mg/L)	WGWC-17	0.0056	0.0042	0.04	No	27	0.005478	0.004068	3.704	None	No	0.01	NP (normality)
Lithium (mg/L)	**WGWC-19**	**0.05699**	**0.05012**	**0.04**	**Yes**	**27**	**0.05356**	**0.007202**	**0**	**None**	**No**	**0.01**	**Param.**

Appendix IV Confidence Intervals - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 2:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lithium (mg/L)	**WGWC-20**	**0.1452**	**0.1165**	**0.04**	**Yes**	**12**	**0.1308**	**0.01832**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-21**	**0.06974**	**0.04901**	**0.04**	**Yes**	**8**	**0.05938**	**0.009782**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	WGWC-22	0.01056	0.007365	0.04	No	12	0.0088	0.002428	0	None	x^2	0.01	Param.
Lithium (mg/L)	WGWC-23	0.005	0.0017	0.04	No	12	0.004067	0.001436	58.33	None	No	0.01	NP (NDs)
Lithium (mg/L)	WGWC-24	0.007651	0.004165	0.04	No	12	0.005908	0.002222	0	None	No	0.01	Param.
Lithium (mg/L)	WGWC-25	0.004714	0.003445	0.04	No	12	0.004325	0.0008582	16.67	Kaplan-Meier	No	0.01	Param.
Lithium (mg/L)	WGWC-27	0.04184	0.01156	0.04	No	6	0.0267	0.01102	0	None	No	0.01	Param.
Lithium (mg/L)	**WGWC-28D**	**0.2198**	**0.1762**	**0.04**	**Yes**	**5**	**0.198**	**0.01304**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	PZ-26D	0.03691	0.02059	0.04	No	4	0.02875	0.003594	0	None	No	0.01	Param.
Mercury (mg/L)	WGWC-8	0.0002	0.00013	0.002	No	23	0.0001877	0.00003332	86.96	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-9	0.0002	0.00013	0.002	No	23	0.000197	0.0000146	95.65	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-10	0.0002	0.00013	0.002	No	23	0.0001817	0.0000416	82.61	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-11	0.0002	0.00011	0.002	No	23	0.000191	0.00003026	91.3	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-12	0.0002	0.00018	0.002	No	23	0.000186	0.00003488	82.61	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-13	0.0002	0.000083	0.002	No	23	0.0001897	0.000034	91.3	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-14A	0.0002	0.00013	0.002	No	23	0.000197	0.0000146	95.65	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-15	0.0002	0.000093	0.002	No	23	0.0001798	0.00004518	82.61	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-16	0.0002	0.00019	0.002	No	23	0.0001904	0.00003111	86.96	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-17	0.0002	0.000074	0.002	No	23	0.0001945	0.00002627	95.65	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-19	0.0002	0.00012	0.002	No	23	0.0001911	0.00003013	91.3	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-20	0.0002	0.0002	0.002	No	10	0.000213	0.00004111	90	None	No	0.011	NP (NDs)
Mercury (mg/L)	WGWC-21	0.0002	0.0002	0.002	No	10	0.0002	1.6e-12	90	None	No	0.011	NP (NDs)
Mercury (mg/L)	WGWC-22	0.0002	0.0002	0.002	No	10	0.000198	0.000006325	90	None	No	0.011	NP (NDs)
Mercury (mg/L)	WGWC-23	0.0002	0.0002	0.002	No	10	0.000202	0.000006325	90	None	No	0.011	NP (NDs)
Mercury (mg/L)	WGWC-24	0.0002	0.0002	0.002	No	10	0.000206	0.00001897	90	None	No	0.011	NP (NDs)
Mercury (mg/L)	WGWC-25	0.0002	0.0002	0.002	No	10	0.00037	0.0005376	90	None	No	0.011	NP (NDs)
Molybdenum (mg/L)	WGWC-9	0.0048	0.0028	0.1	No	27	0.004656	0.003105	0	None	No	0.01	NP (normality)
Molybdenum (mg/L)	WGWC-10	0.015	0.00093	0.1	No	27	0.01396	0.003758	92.59	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-11	0.015	0.0017	0.1	No	27	0.01399	0.003631	92.59	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-12	0.015	0.0046	0.1	No	27	0.01198	0.005801	77.78	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-13	0.0025	0.0012	0.1	No	27	0.002461	0.002004	11.11	None	No	0.01	NP (normality)
Molybdenum (mg/L)	WGWC-14A	0.015	0.001	0.1	No	27	0.01448	0.002694	96.3	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-15	0.004959	0.002949	0.1	No	27	0.004511	0.003167	0	None	ln(x)	0.01	Param.
Molybdenum (mg/L)	WGWC-17	0.00526	0.0023	0.1	No	27	0.003682	0.002323	0	None	No	0.01	NP (normality)
Molybdenum (mg/L)	WGWC-19	0.0016	0.0012	0.1	No	27	0.004841	0.006126	25.93	None	No	0.01	NP (normality)
Molybdenum (mg/L)	WGWC-20	0.015	0.00079	0.1	No	10	0.01073	0.006879	70	None	No	0.011	NP (NDs)
Molybdenum (mg/L)	WGWC-21	0.03917	0.02703	0.1	No	10	0.0331	0.006806	0	None	No	0.01	Param.
Molybdenum (mg/L)	WGWC-22	0.015	0.0082	0.1	No	10	0.0129	0.004747	80	None	No	0.011	NP (NDs)
Molybdenum (mg/L)	WGWC-28D	0.018	0.0088	0.1	No	4	0.01128	0.004491	0	None	No	0.0625	NP (normality)
Molybdenum (mg/L)	PZ-26D	0.003015	0.002185	0.1	No	4	0.0026	0.0001826	0	None	No	0.01	Param.
Selenium (mg/L)	WGWC-8	0.0039	0.0033	0.05	No	27	0.003981	0.001311	0	None	No	0.01	NP (normality)
Selenium (mg/L)	WGWC-9	0.002881	0.002333	0.05	No	27	0.002607	0.0005742	0	None	No	0.01	Param.
Selenium (mg/L)	WGWC-10	0.005	0.00031	0.05	No	27	0.004826	0.0009026	96.3	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-11	0.005	0.00049	0.05	No	27	0.004833	0.0008679	96.3	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-12	0.005	0.0021	0.05	No	27	0.004893	0.0005581	96.3	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-14A	0.005	0.0003	0.05	No	27	0.004826	0.0009045	96.3	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-15	0.005	0.0005	0.05	No	27	0.004833	0.000866	96.3	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-16	0.007191	0.003354	0.05	No	27	0.006561	0.0048	11.11	None	ln(x)	0.01	Param.
Selenium (mg/L)	WGWC-19	0.005	0.00036	0.05	No	27	0.004828	0.000893	96.3	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-20	0.003206	0.001454	0.05	No	10	0.00233	0.0009821	10	None	No	0.01	Param.
Selenium (mg/L)	WGWC-22	0.006382	0.003418	0.05	No	10	0.0049	0.001661	0	None	No	0.01	Param.
Selenium (mg/L)	WGWC-23	0.00283	0.00183	0.05	No	10	0.00233	0.0005599	0	None	No	0.01	Param.
Selenium (mg/L)	WGWC-24	0.005	0.005	0.05	No	10	0.004577	0.001338	90	None	No	0.011	NP (NDs)
Thallium (mg/L)	WGWC-10	0.001	0.000085	0.002	No	27	0.0009661	0.0001761	96.3	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-11	0.001	0.00016	0.002	No	27	0.0009689	0.0001617	96.3	None	No	0.01	NP (NDs)

Appendix IV Confidence Intervals - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 2:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Thallium (mg/L)	WGWC-14A	0.001	0.00017	0.002	No	27	0.0006581	0.0004209	59.26	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-16	0.001	0.00019	0.002	No	27	0.0006319	0.0004206	55.56	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-19	0.001	0.00018	0.002	No	27	0.0009696	0.0001578	96.3	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-22	0.001	0.001	0.002	No	10	0.000947	0.0001676	90	None	No	0.011	NP (NDs)
Thallium (mg/L)	WGWC-24	0.000601	0.000325	0.002	No	10	0.000463	0.0001547	10	None	No	0.01	Param.

Lithium WGWC-21 Trend Test - All/Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/16/2025, 4:30 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Lithium (mg/L)	**WGWC-21**	**0.01361**	**58**	**30**	**Yes**	**12**	**0**	**n/a**	**0.05**	**NP**

Lithium WGWC-21 Trend Test - Truncated Record - All/Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/17/2025, 2:06 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Lithium (mg/L)	**WGWC-21**	**0.008118**	**20**	**17**	**Yes**	**8**	**0**	**n/a**	**0.05**	**NP**

Appendix IV Trend Tests - Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 2:52 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Beryllium (mg/L)	**WGWC-24**	**-0.002748**	**-26**	**-23**	**Yes**	**10**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-1 (bg)**	**-0.00006557**	**-220**	**-96**	**Yes**	**27**	**3.704**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-2 (bg)**	**-0.00008878**	**-257**	**-96**	**Yes**	**27**	**7.407**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-5 (bg)**	**-0.0002865**	**-116**	**-76**	**Yes**	**23**	**4.348**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-18 (bg)**	**-0.0002783**	**-186**	**-96**	**Yes**	**27**	**7.407**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWC-24**	**-0.02622**	**-27**	**-23**	**Yes**	**10**	**0**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	**WGWC-19**	**0.001603**	**144**	**96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	**WGWC-21**	**0.01361**	**58**	**30**	**Yes**	**12**	**0**	**n/a**	**0.05**	**NP**

Appendix IV Trend Tests - All Results

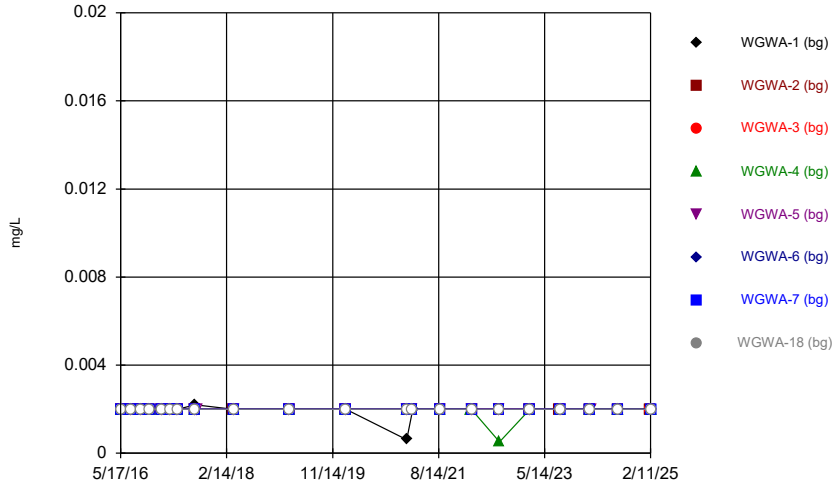
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Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Beryllium (mg/L)	WGWA-1 (bg)	0	-15	-96	No	27	88.89	n/a	0.05	NP
Beryllium (mg/L)	WGWA-2 (bg)	0	-13	-96	No	27	88.89	n/a	0.05	NP
Beryllium (mg/L)	WGWA-3 (bg)	0	-15	-96	No	27	92.59	n/a	0.05	NP
Beryllium (mg/L)	WGWA-4 (bg)	0	0	96	No	27	100	n/a	0.05	NP
Beryllium (mg/L)	WGWA-5 (bg)	0	-2	-85	No	25	96	n/a	0.05	NP
Beryllium (mg/L)	WGWA-6 (bg)	0	0	96	No	27	96.3	n/a	0.05	NP
Beryllium (mg/L)	WGWA-7 (bg)	0	-2	-96	No	27	96.3	n/a	0.05	NP
Beryllium (mg/L)	WGWA-18 (bg)	0	0	96	No	27	100	n/a	0.05	NP
Beryllium (mg/L)	WGWC-20	0.0007813	12	23	No	10	0	n/a	0.05	NP
Beryllium (mg/L)	**WGWC-24**	**-0.002748**	**-26**	**-23**	**Yes**	**10**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-1 (bg)**	**-0.00006557**	**-220**	**-96**	**Yes**	**27**	**3.704**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-2 (bg)**	**-0.00008878**	**-257**	**-96**	**Yes**	**27**	**7.407**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	WGWA-3 (bg)	0	0	96	No	27	100	n/a	0.05	NP
Cobalt (mg/L)	WGWA-4 (bg)	0	4	96	No	27	96.3	n/a	0.05	NP
Cobalt (mg/L)	**WGWA-5 (bg)**	**-0.0002865**	**-116**	**-76**	**Yes**	**23**	**4.348**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	WGWA-6 (bg)	0	12	96	No	27	85.19	n/a	0.05	NP
Cobalt (mg/L)	WGWA-7 (bg)	0	-28	-96	No	27	62.96	n/a	0.05	NP
Cobalt (mg/L)	**WGWA-18 (bg)**	**-0.0002783**	**-186**	**-96**	**Yes**	**27**	**7.407**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWC-24**	**-0.02622**	**-27**	**-23**	**Yes**	**10**	**0**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	WGWA-1 (bg)	-0.0000132	-42	-90	No	26	34.62	n/a	0.05	NP
Lithium (mg/L)	WGWA-2 (bg)	0	-5	-90	No	26	0	n/a	0.05	NP
Lithium (mg/L)	WGWA-3 (bg)	0	25	90	No	26	88.46	n/a	0.05	NP
Lithium (mg/L)	WGWA-4 (bg)	-0.00001556	-12	-90	No	26	11.54	n/a	0.05	NP
Lithium (mg/L)	WGWA-5 (bg)	0	0	76	No	23	95.65	n/a	0.05	NP
Lithium (mg/L)	WGWA-6 (bg)	0	2	85	No	25	12	n/a	0.05	NP
Lithium (mg/L)	WGWA-7 (bg)	0	11	90	No	26	96.15	n/a	0.05	NP
Lithium (mg/L)	WGWA-18 (bg)	0	-18	-90	No	26	80.77	n/a	0.05	NP
Lithium (mg/L)	**WGWC-19**	**0.001603**	**144**	**96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	WGWC-20	0.008513	30	30	No	12	0	n/a	0.05	NP
Lithium (mg/L)	**WGWC-21**	**0.01361**	**58**	**30**	**Yes**	**12**	**0**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	WGWC-28D	-0.00681	-1	-10	No	5	0	n/a	0.05	NP

FIGURE A.

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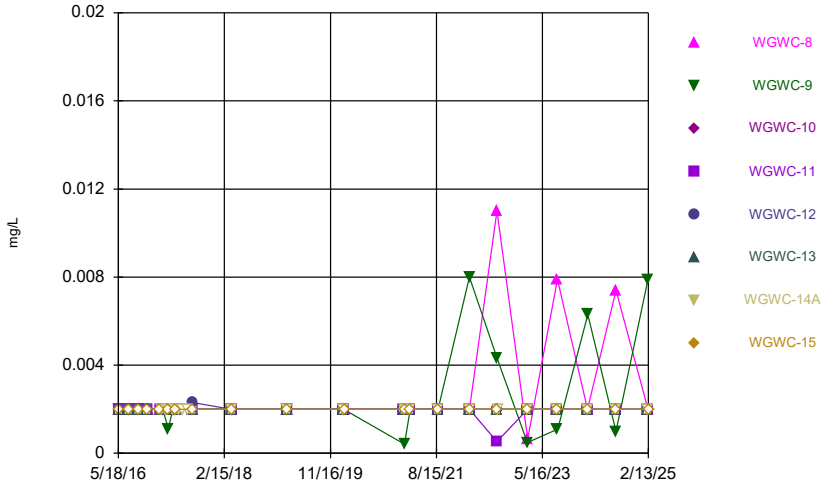
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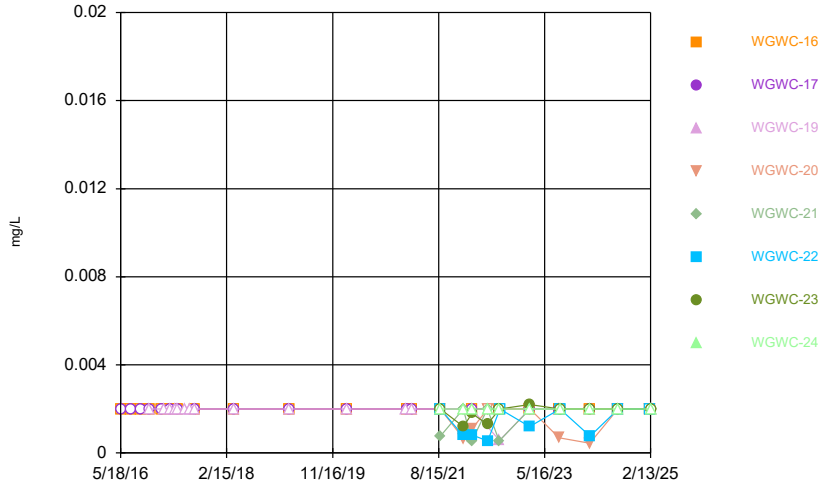
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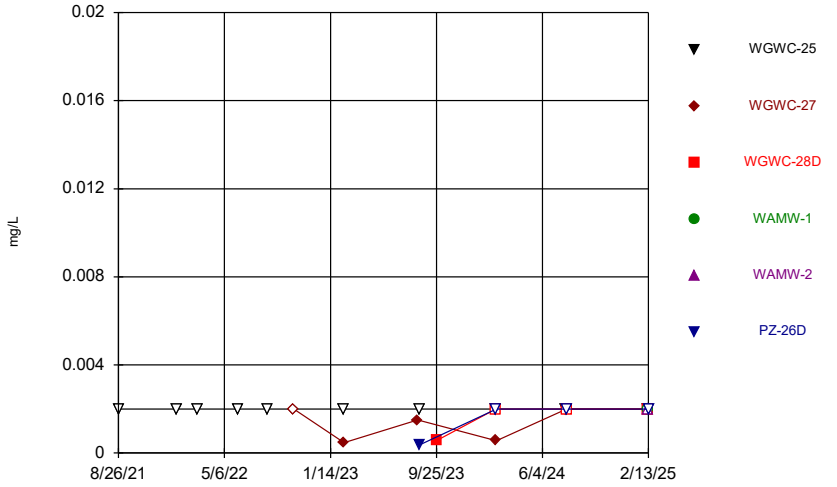
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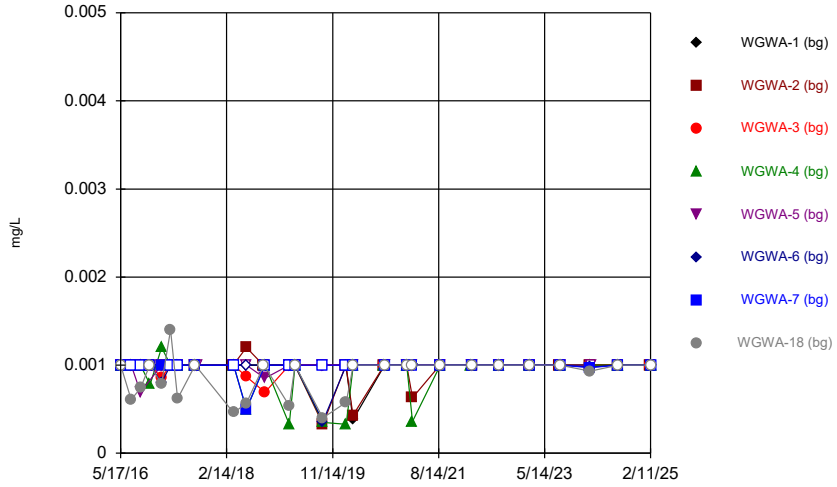
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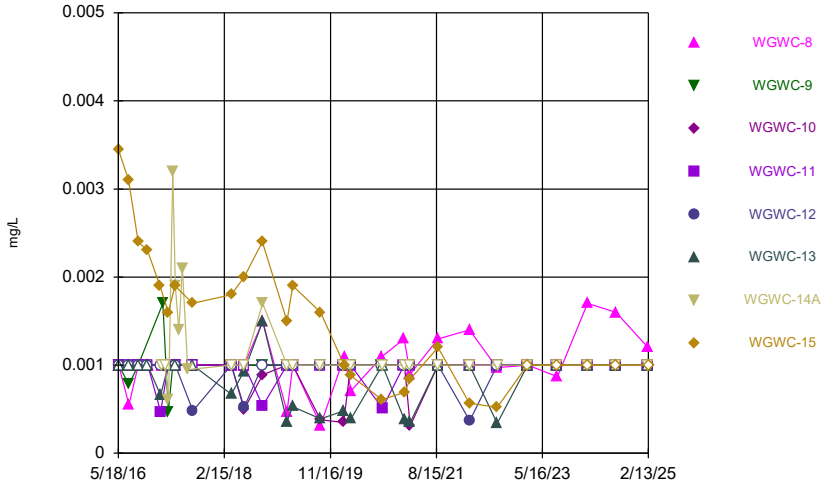
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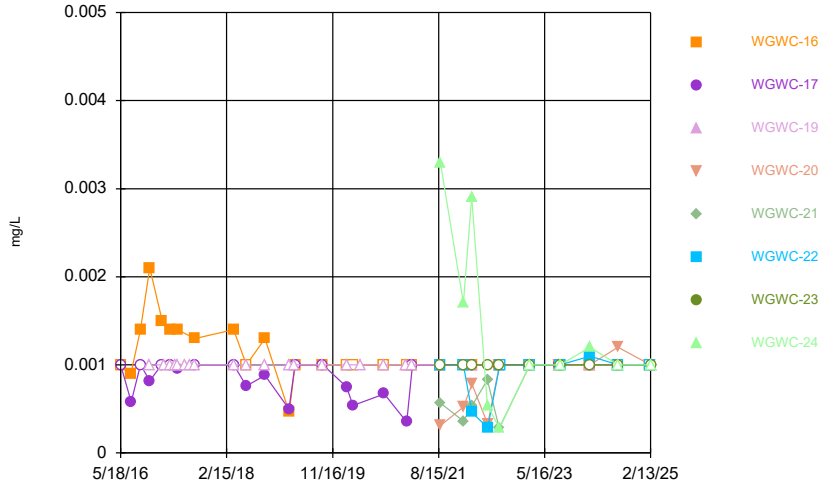
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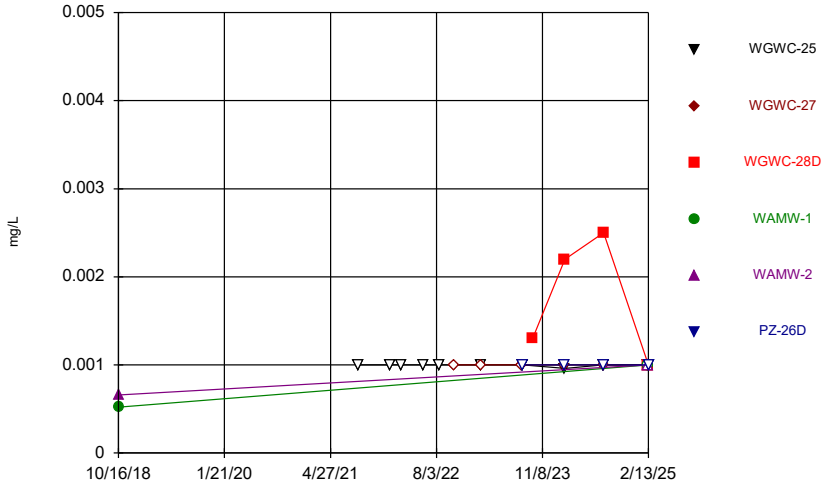
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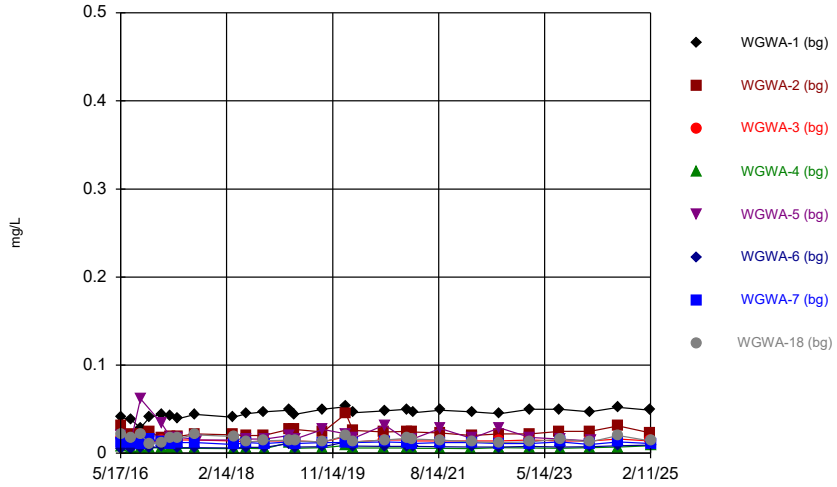
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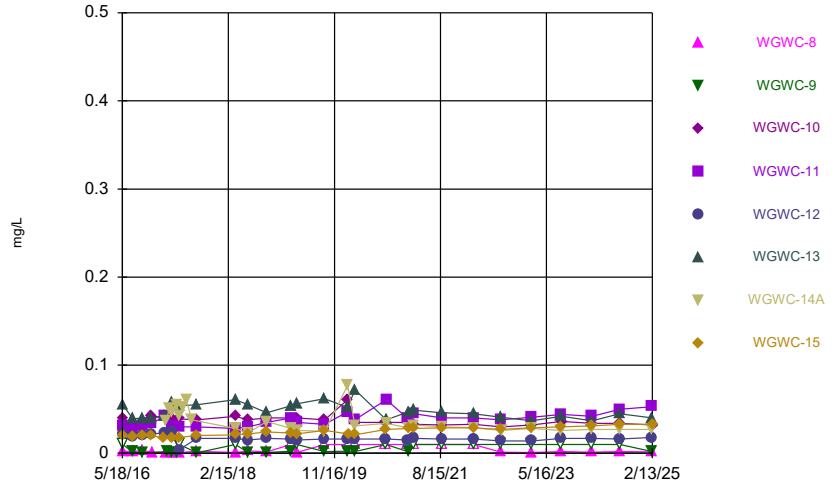
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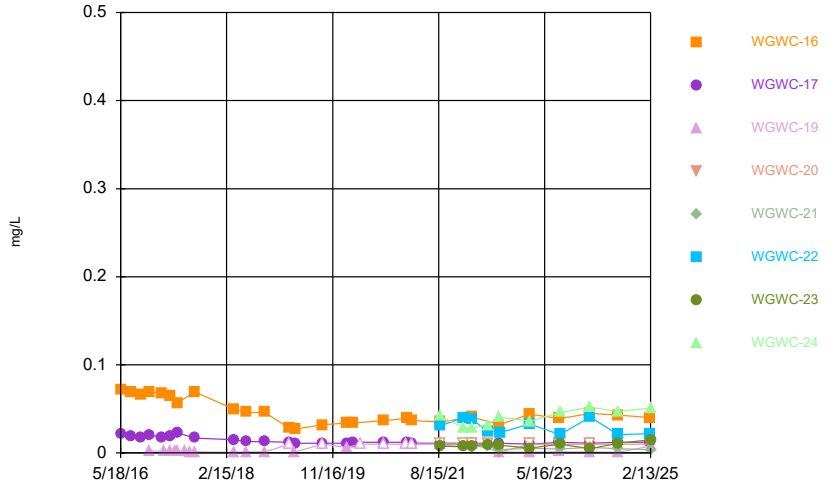
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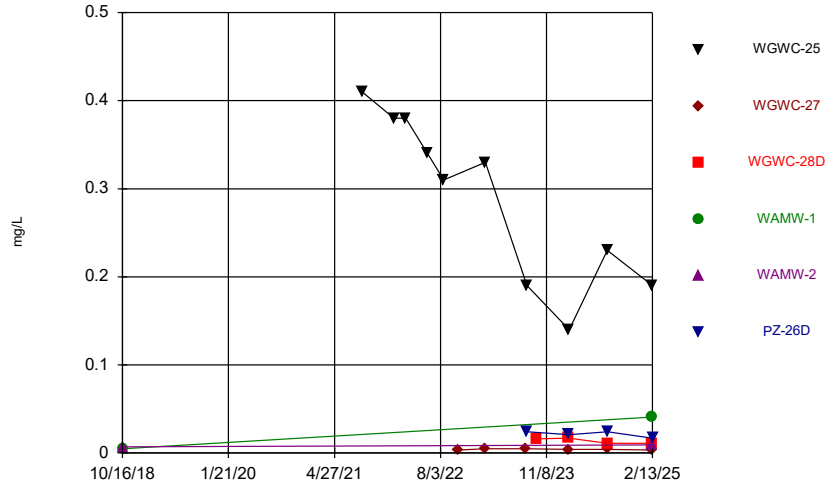


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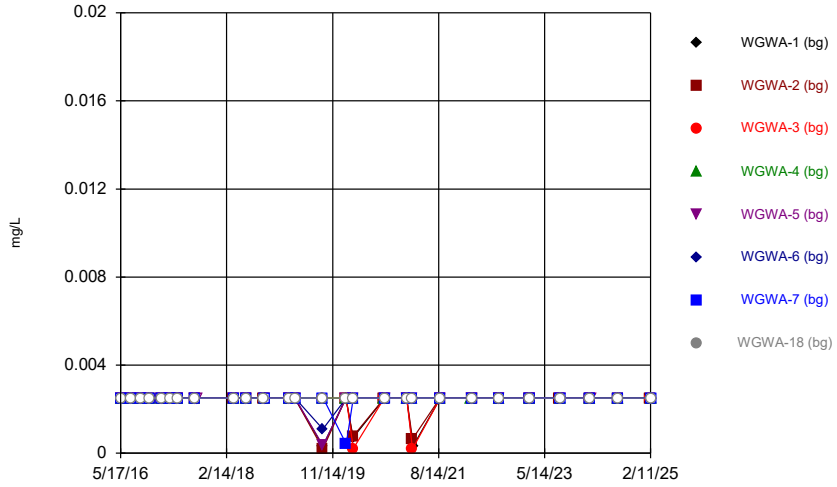


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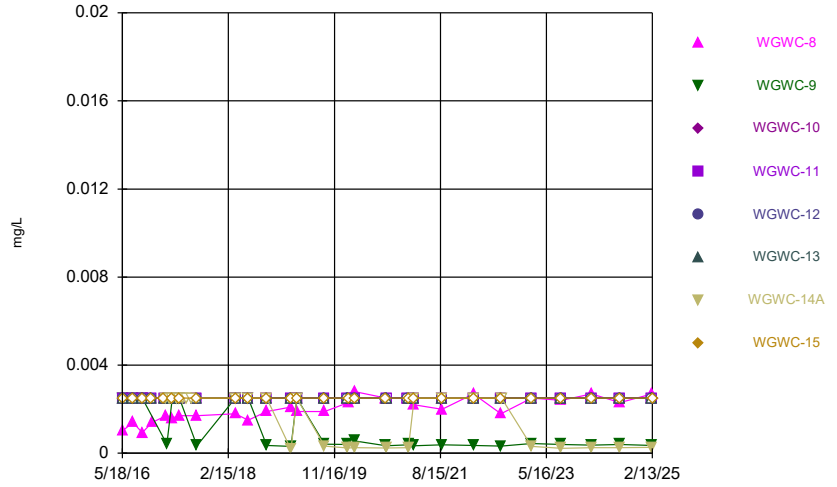
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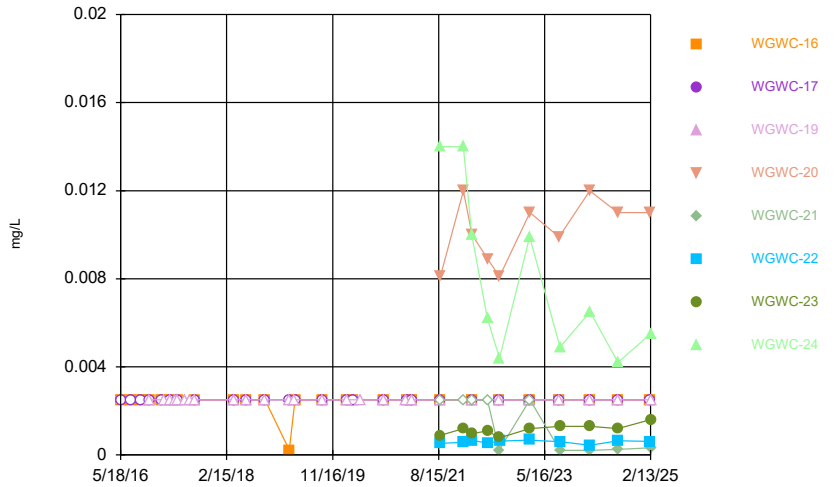
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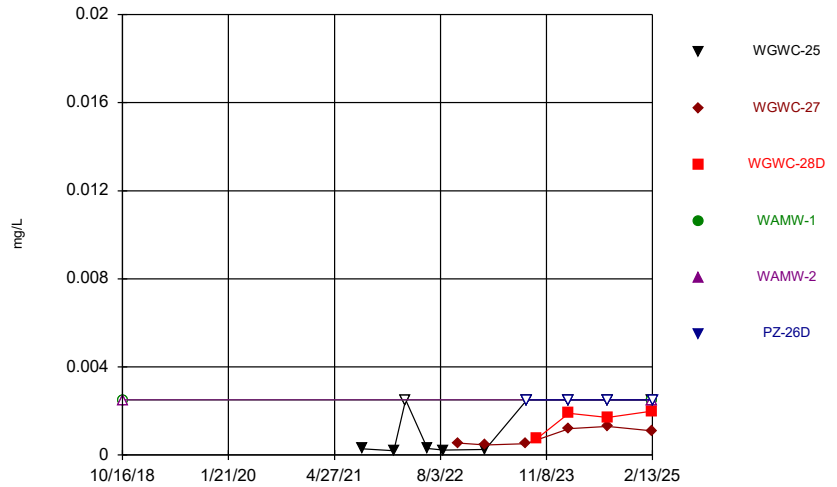
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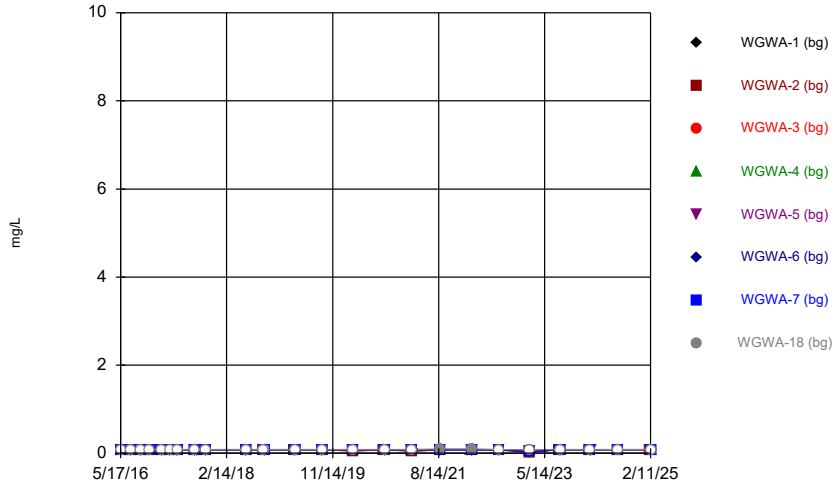
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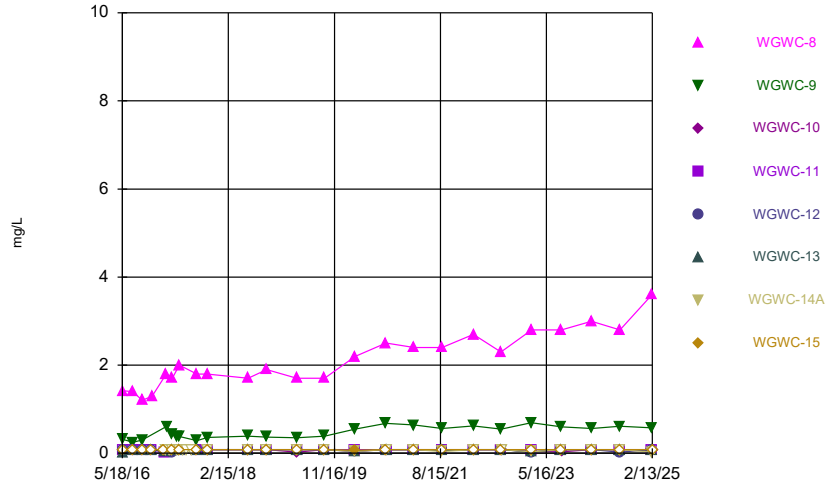
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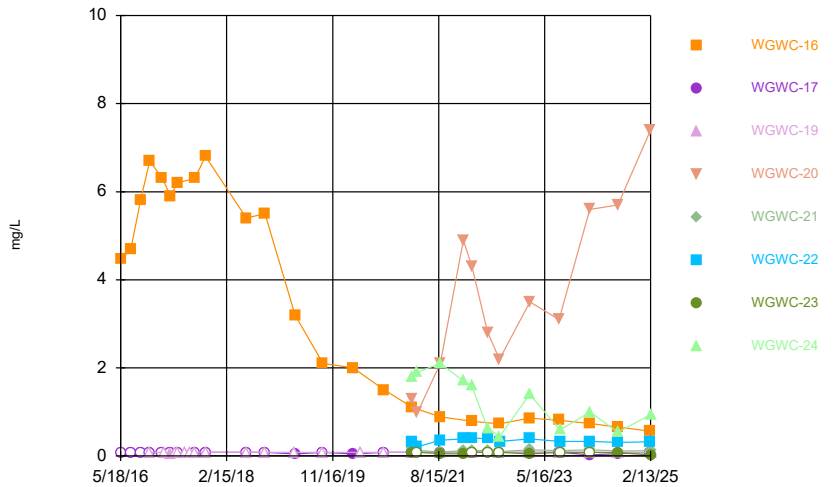
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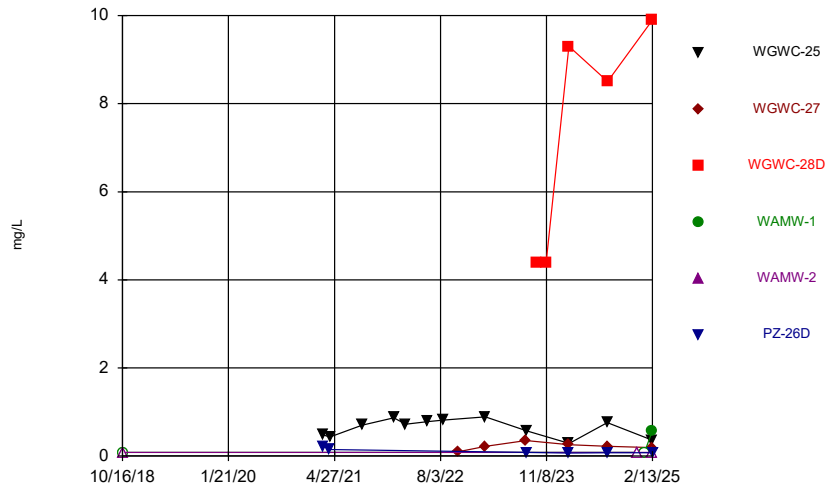
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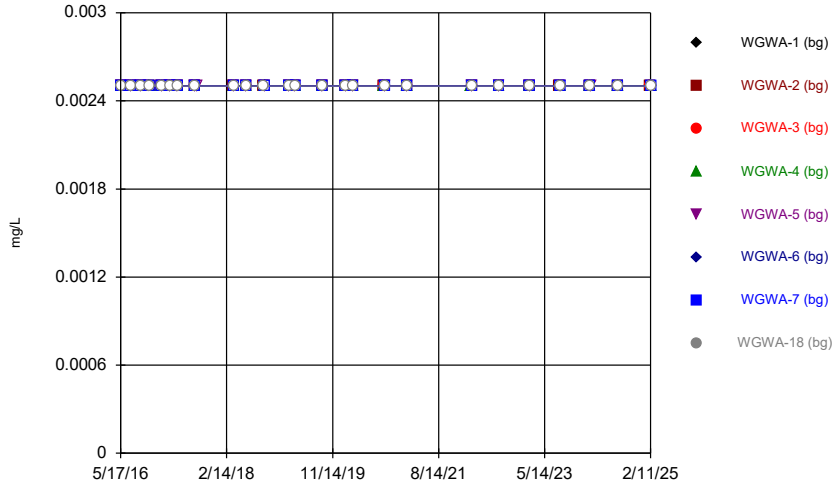
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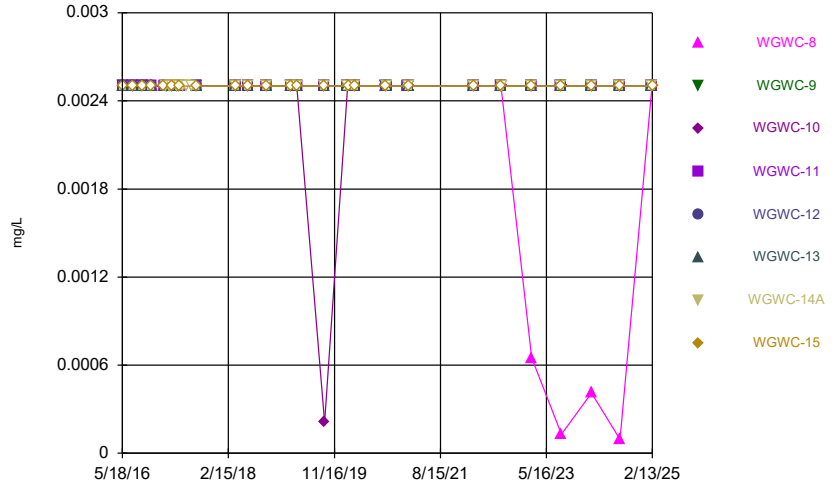
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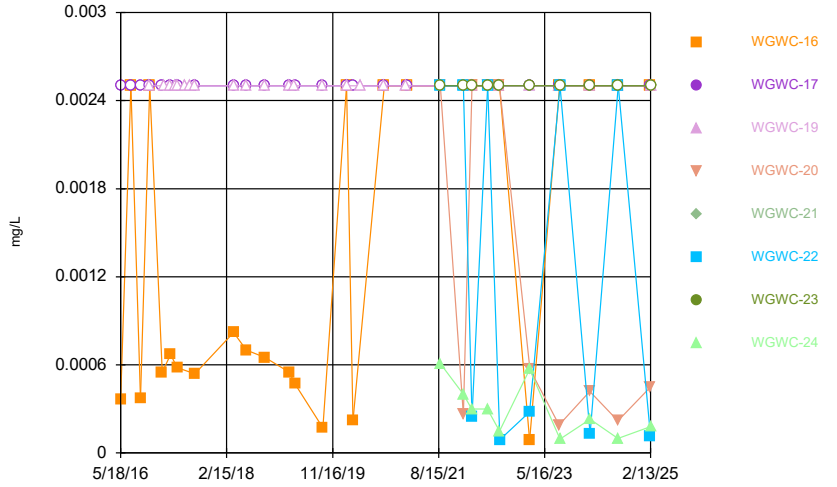
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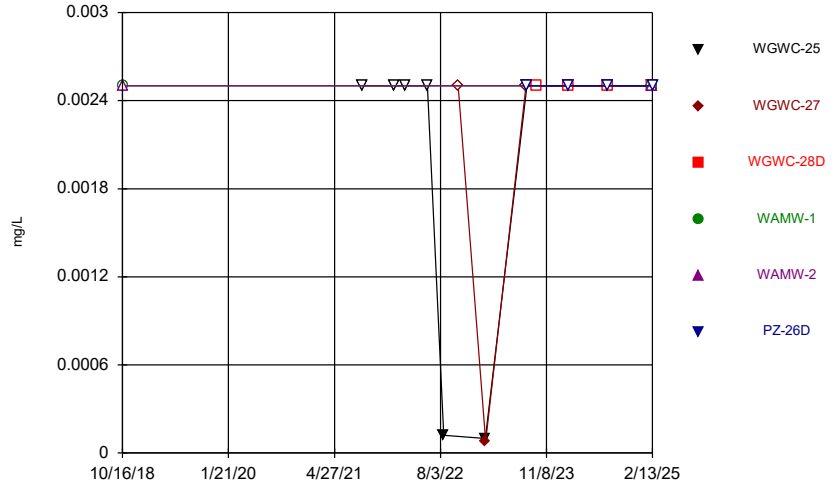
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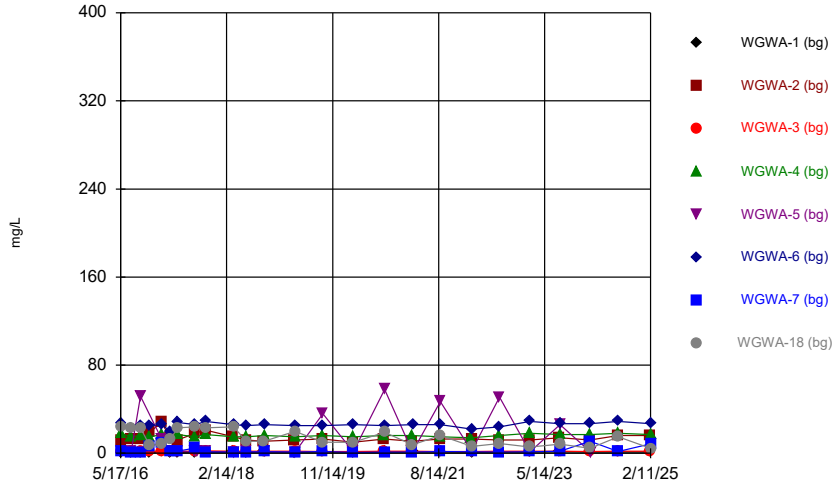
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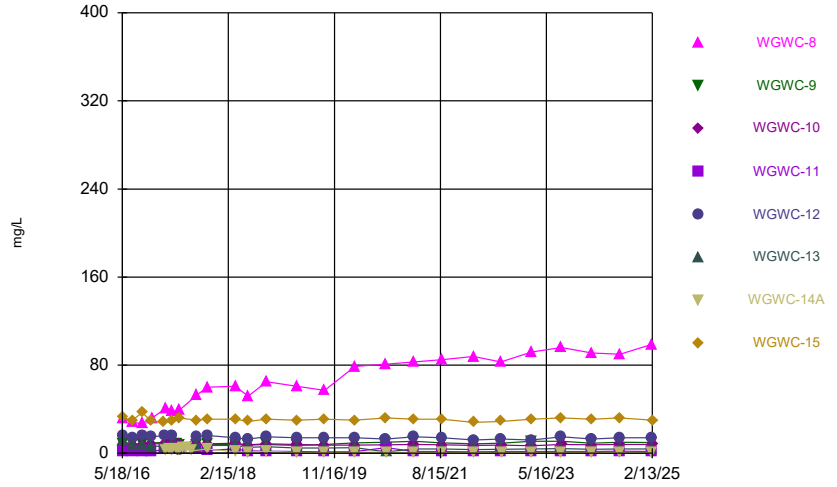


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Time Series

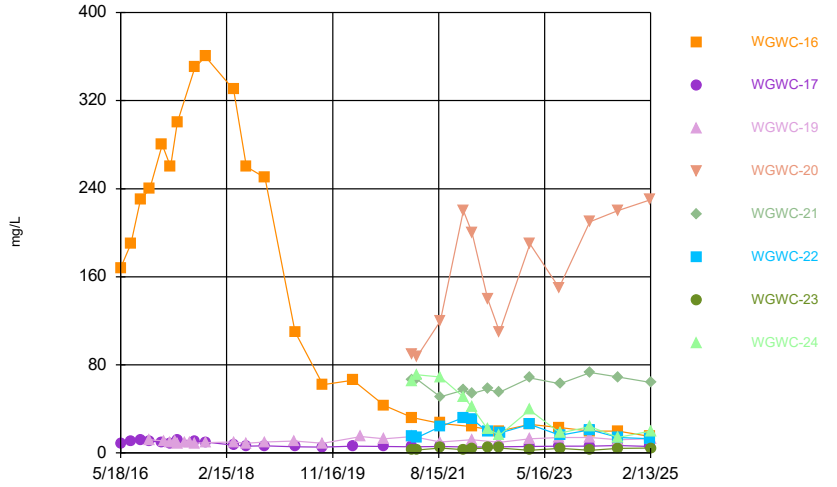


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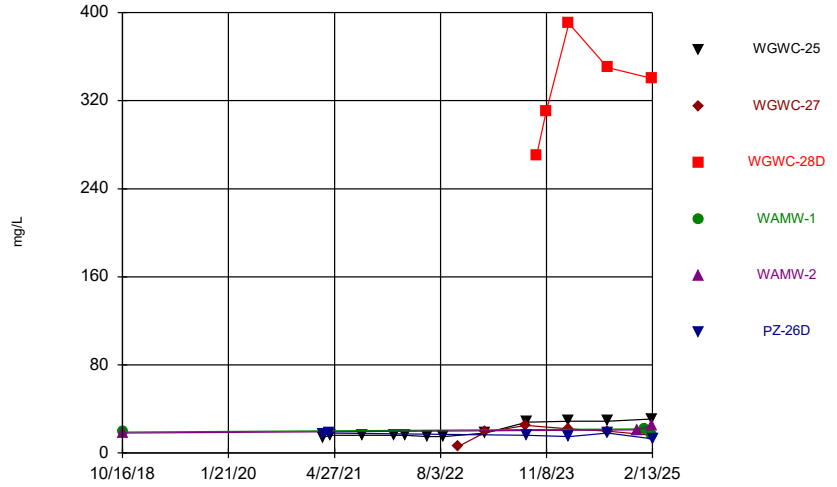


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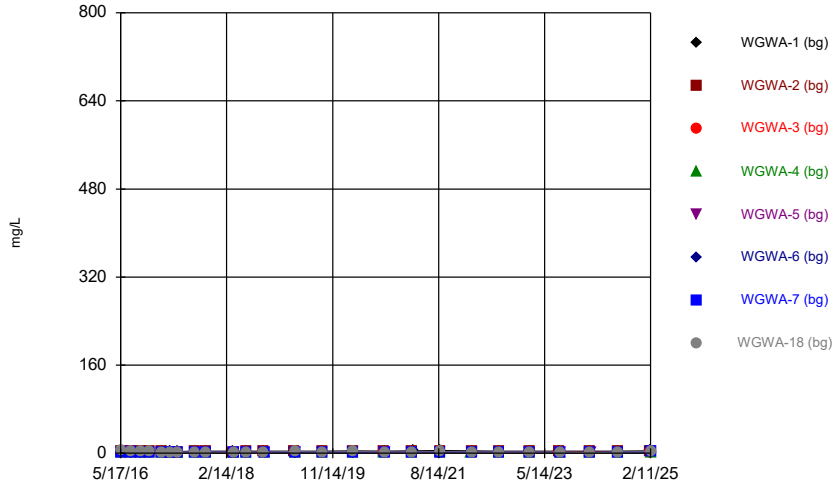


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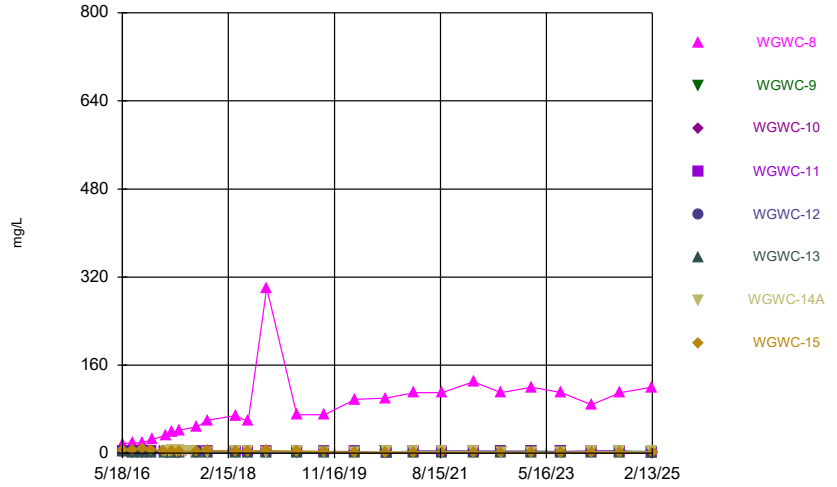
Time Series



Constituent: Chloride Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

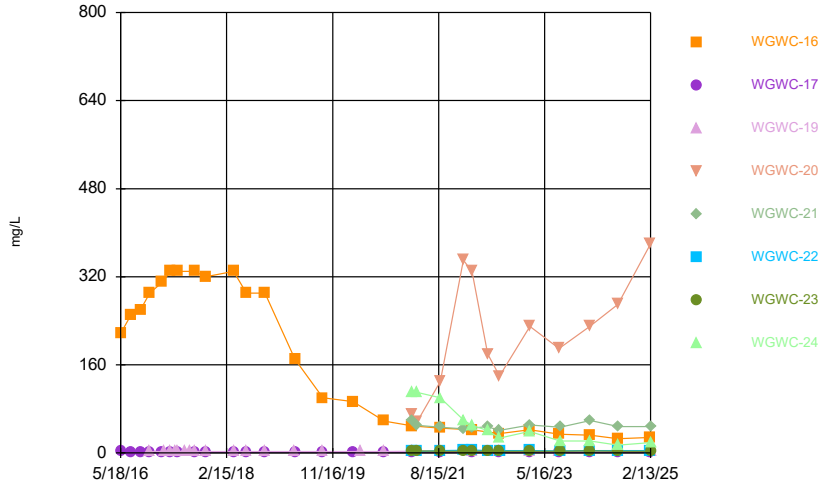
Time Series



Constituent: Chloride Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

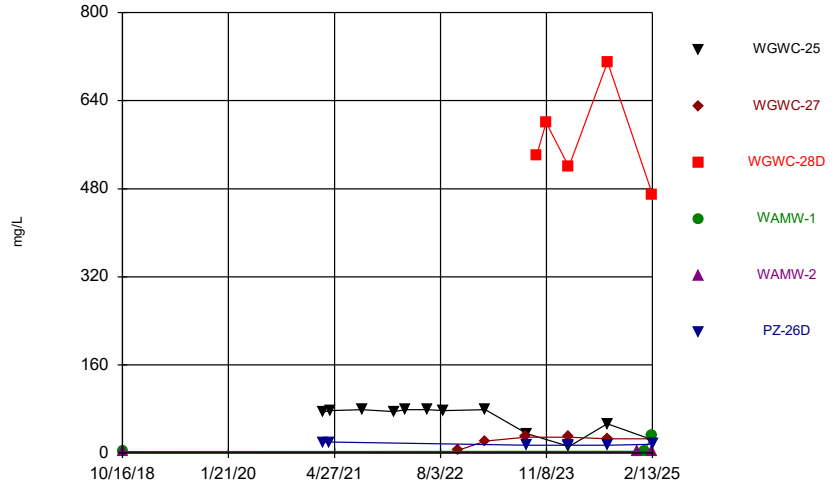
Time Series



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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

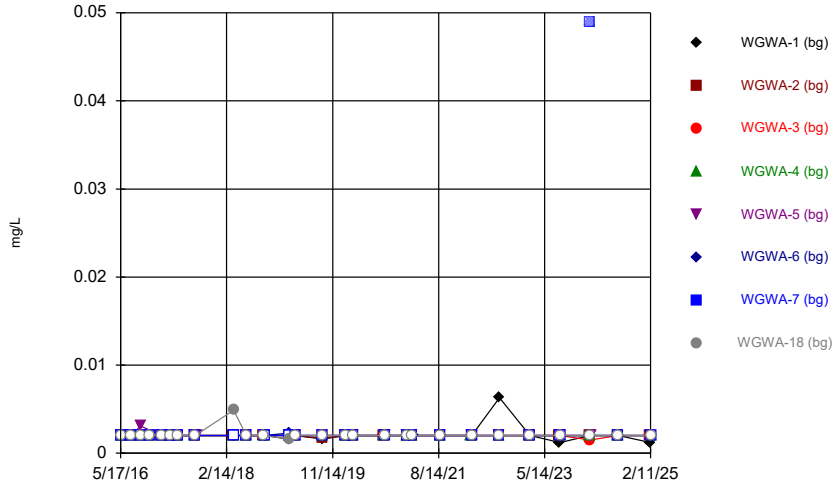
Time Series



Constituent: Chloride Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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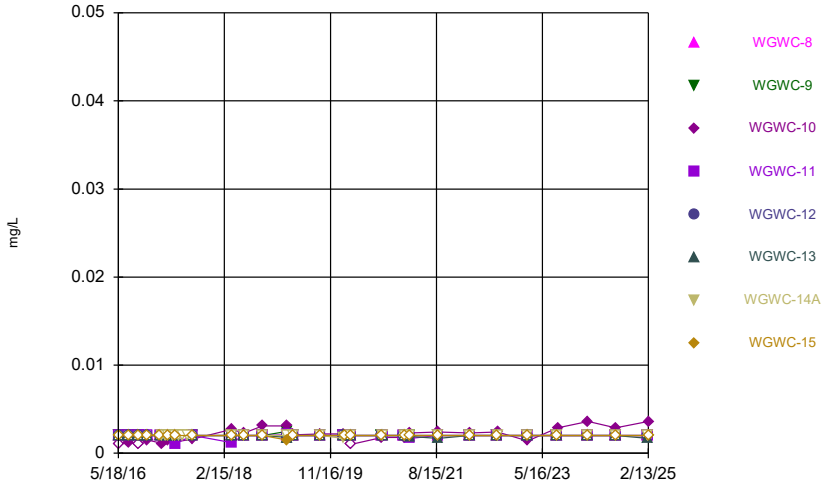
Time Series



Constituent: Chromium Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

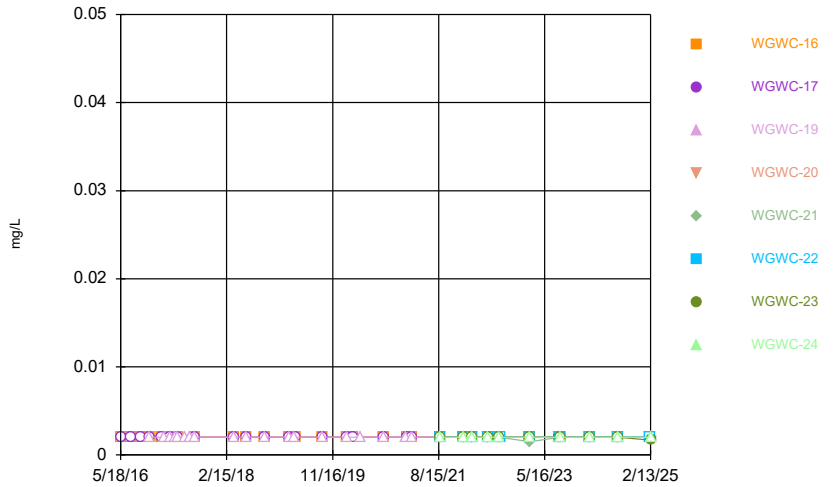
Time Series



Constituent: Chromium Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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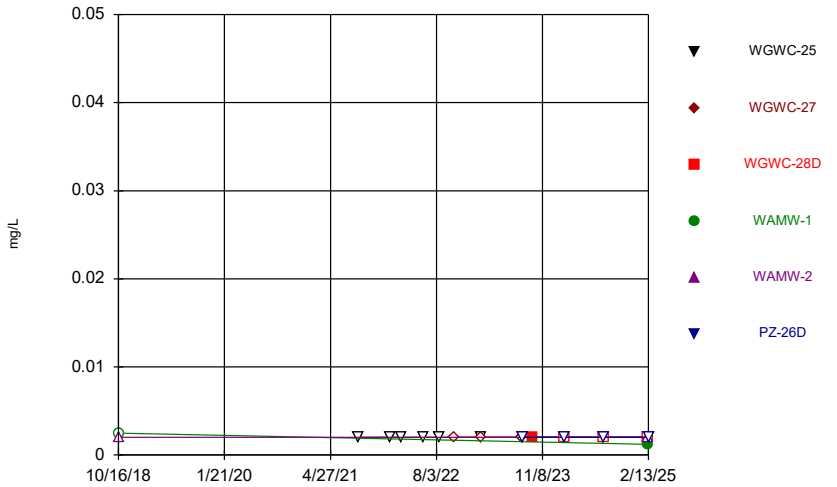
Time Series



Constituent: Chromium Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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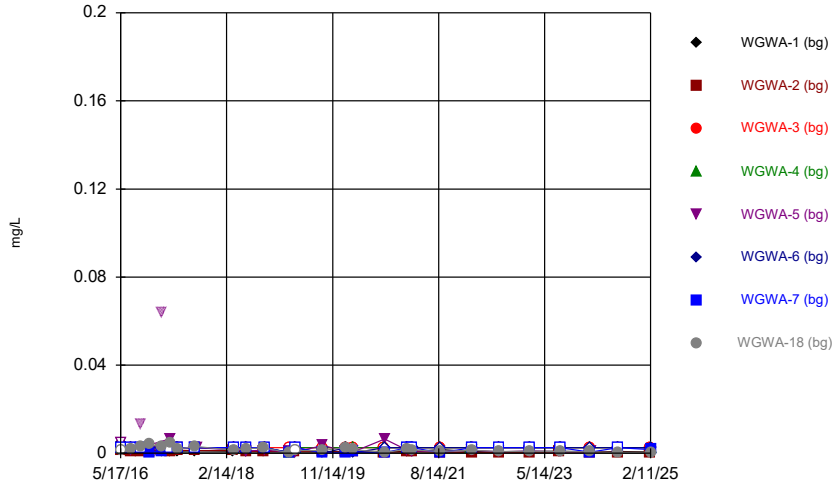
Time Series



Constituent: Chromium Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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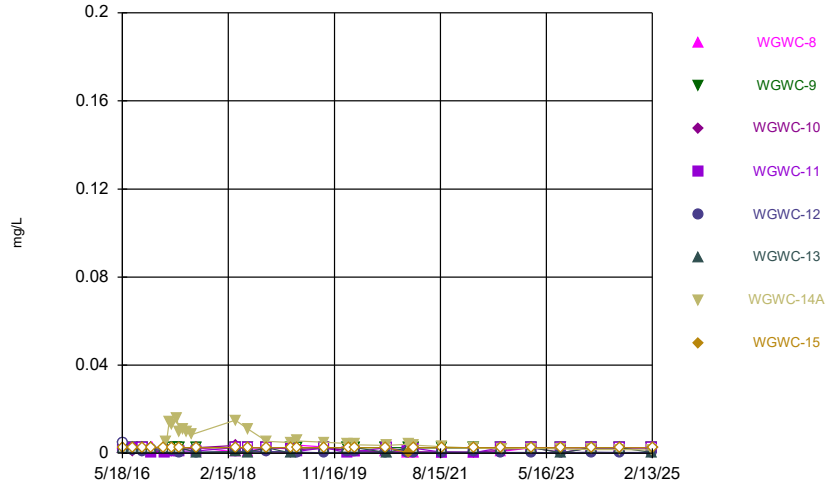
Time Series



Constituent: Cobalt Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Hollow symbols indicate censored values.

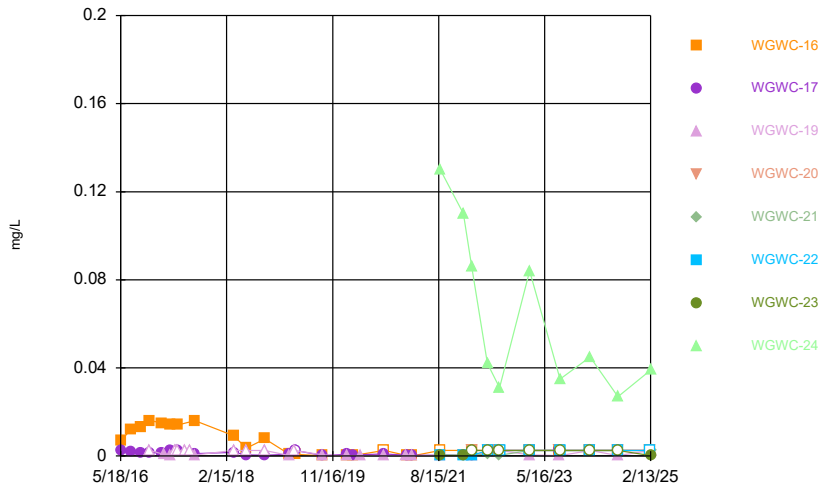
Time Series



Constituent: Cobalt Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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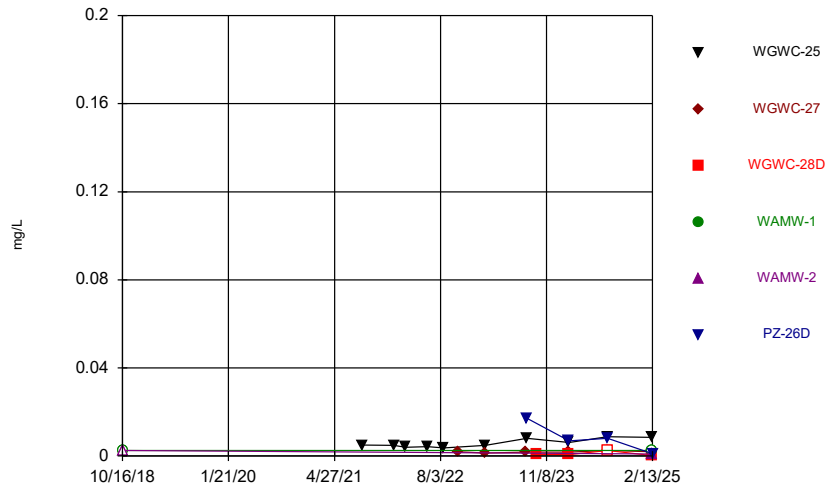
Time Series



Constituent: Cobalt Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

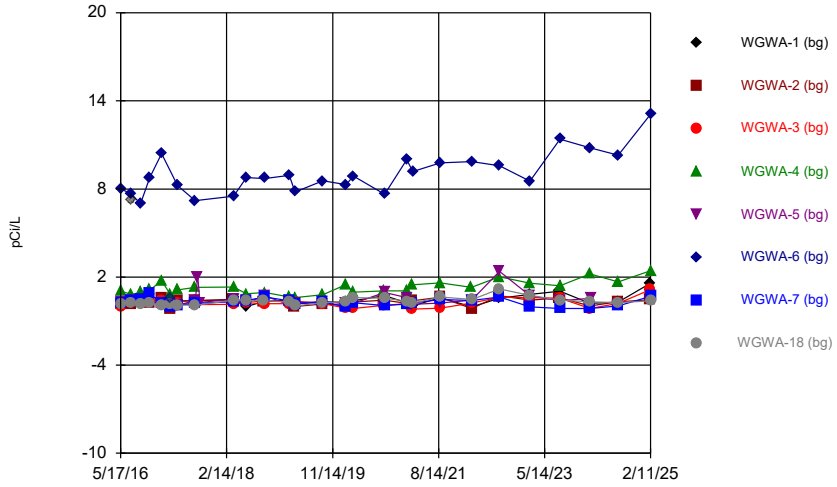
Time Series



Constituent: Cobalt Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

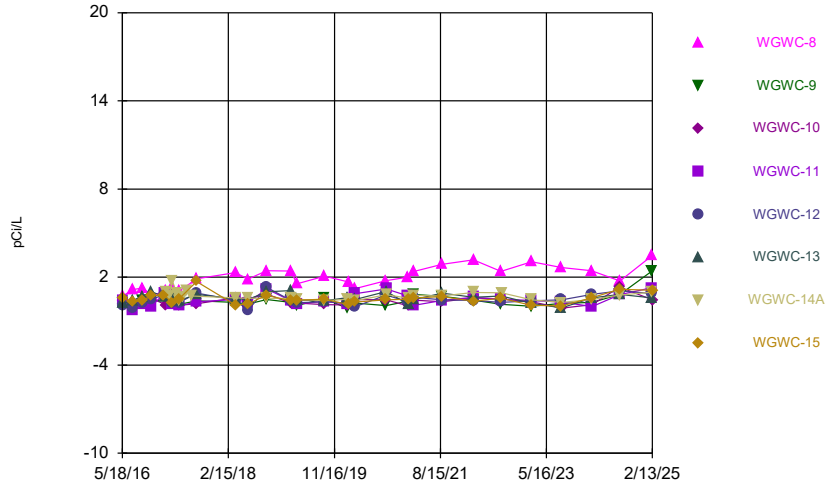
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

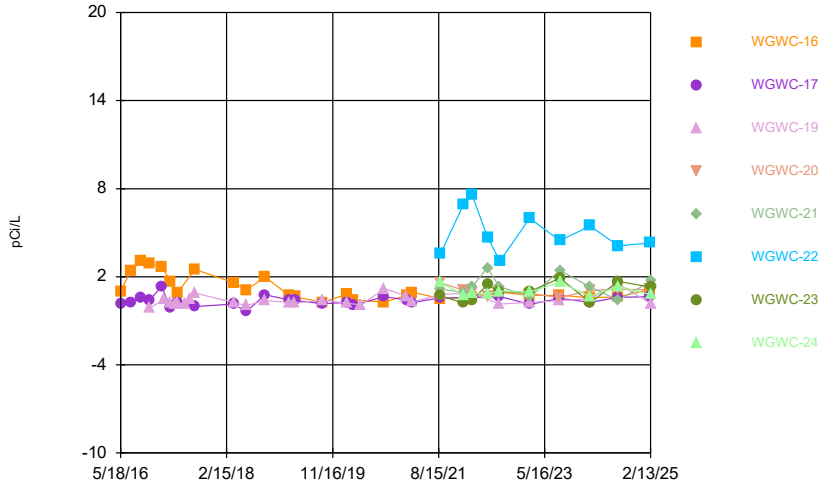
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

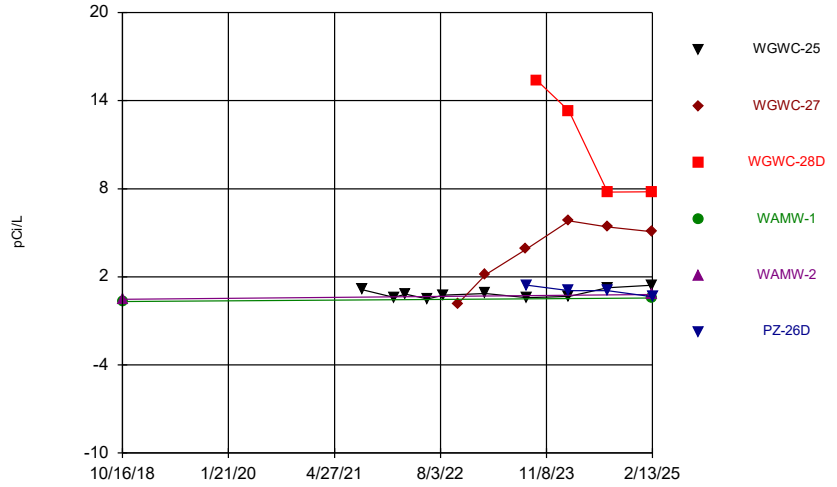
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

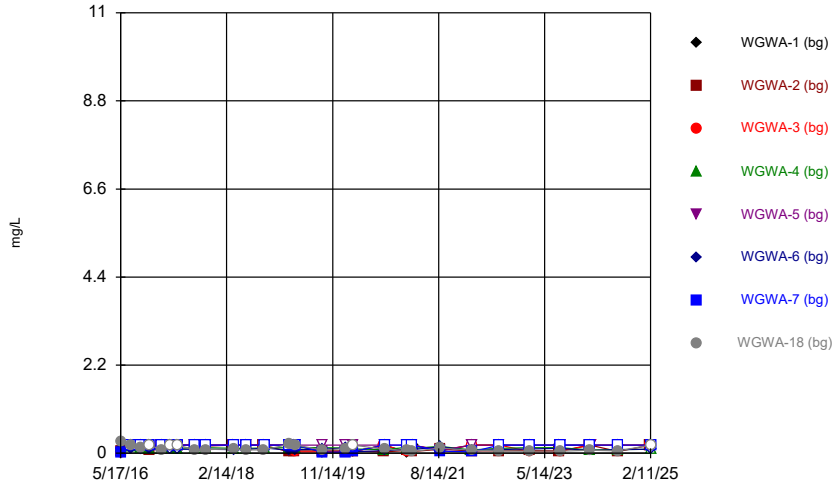
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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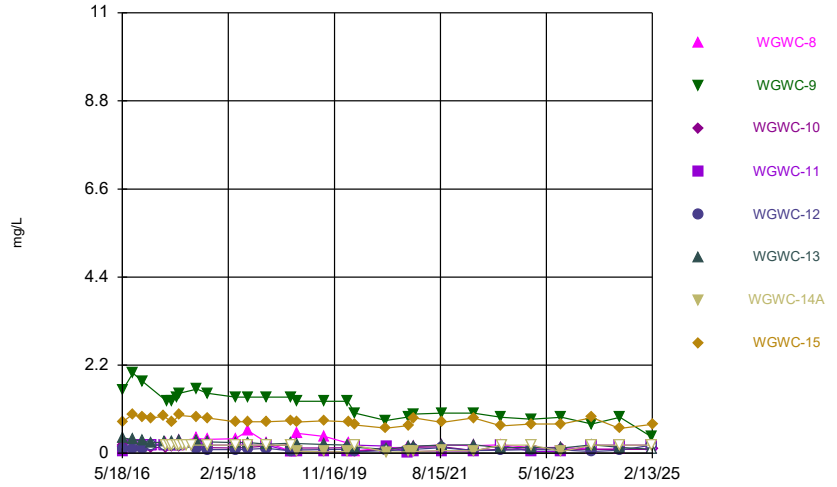
Time Series



Constituent: Fluoride Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

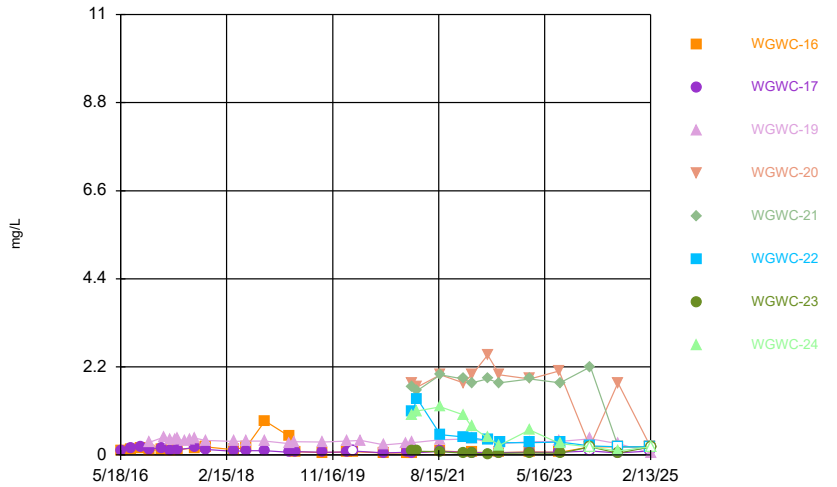
Time Series



Constituent: Fluoride Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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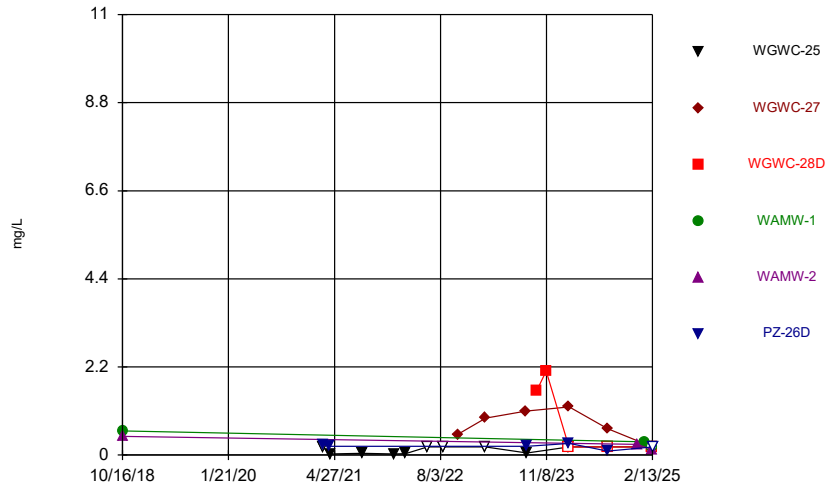
Time Series



Constituent: Fluoride Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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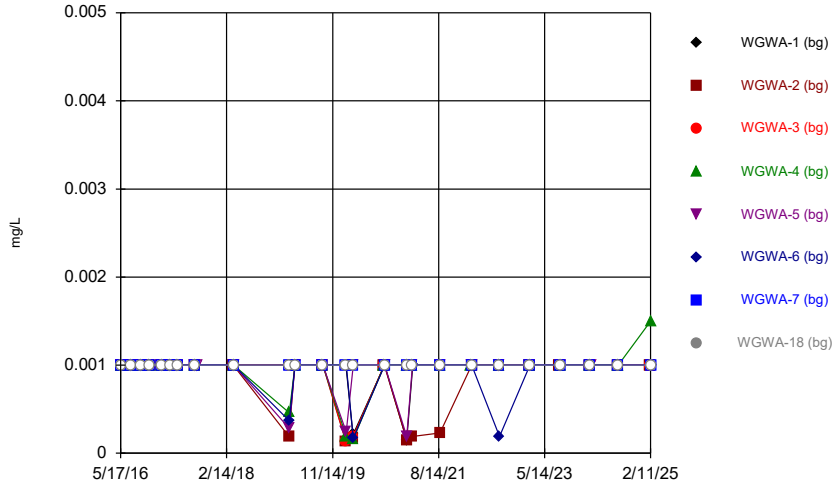
Time Series



Constituent: Fluoride Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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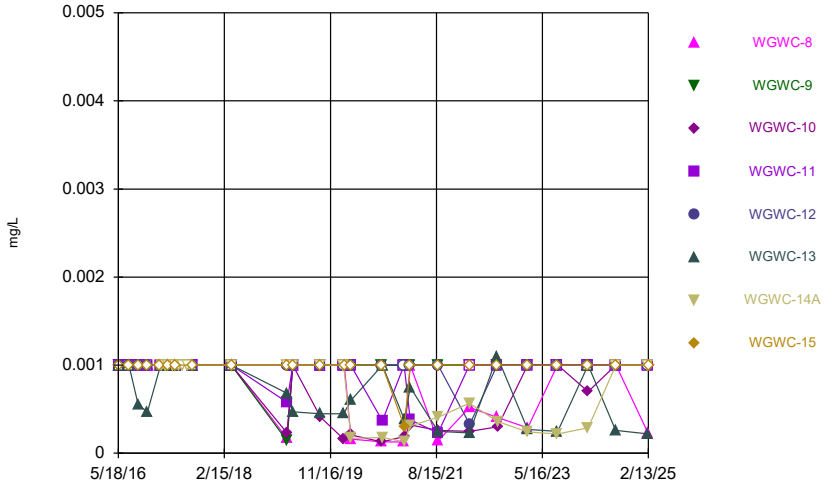
Time Series



Constituent: Lead Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

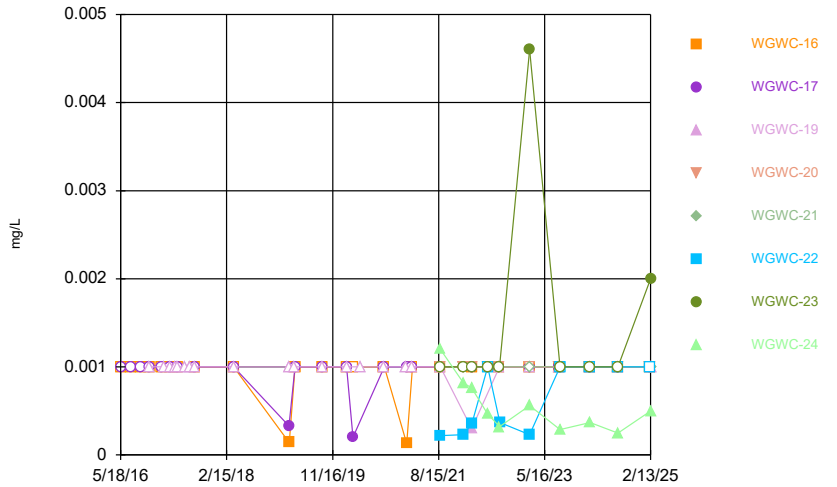
Time Series



Constituent: Lead Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

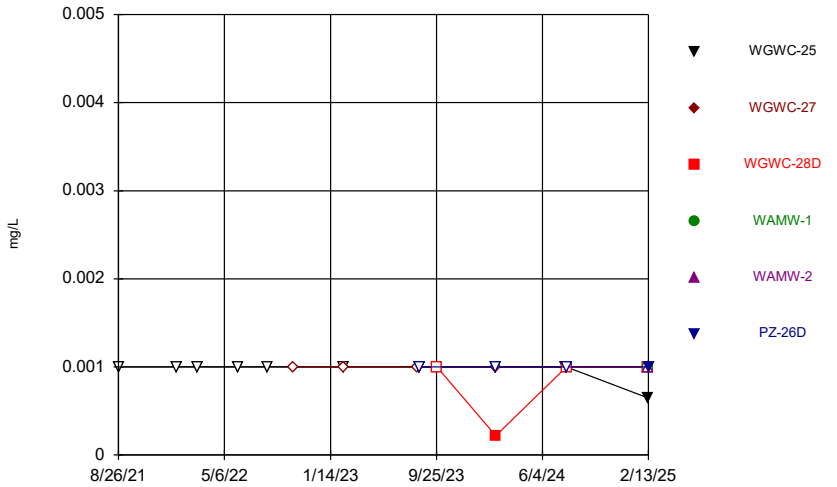
Time Series



Constituent: Lead Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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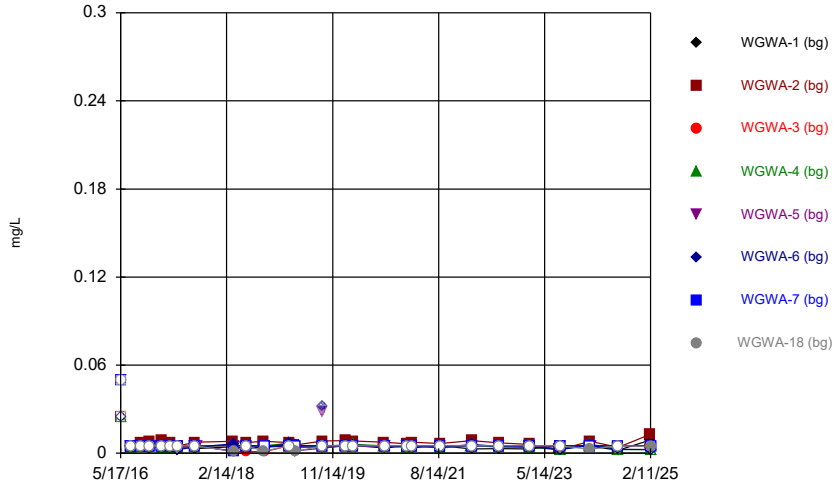
Time Series



Constituent: Lead Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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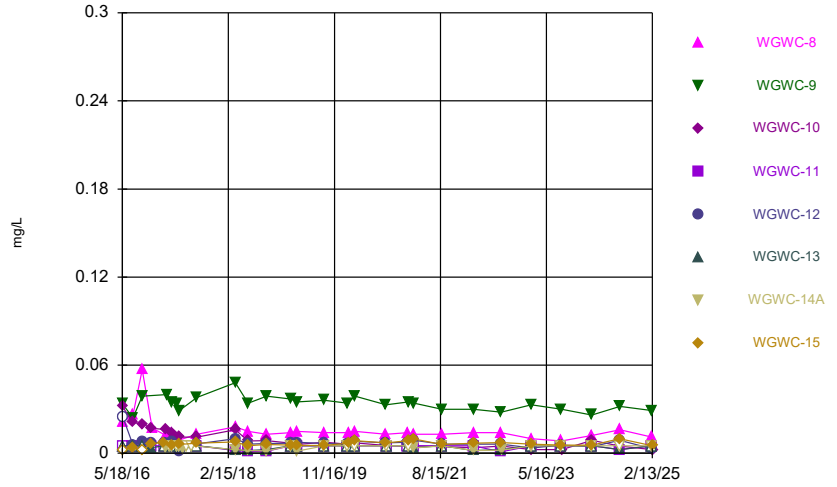
Time Series



Constituent: Lithium Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

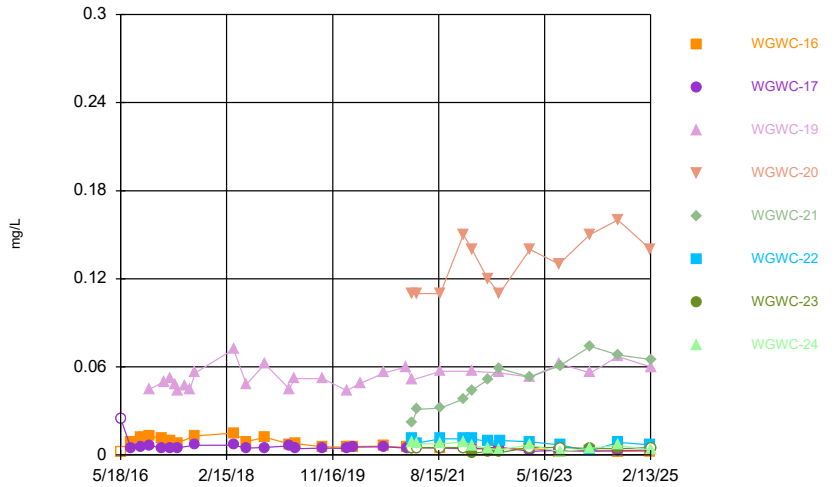
Time Series



Constituent: Lithium Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

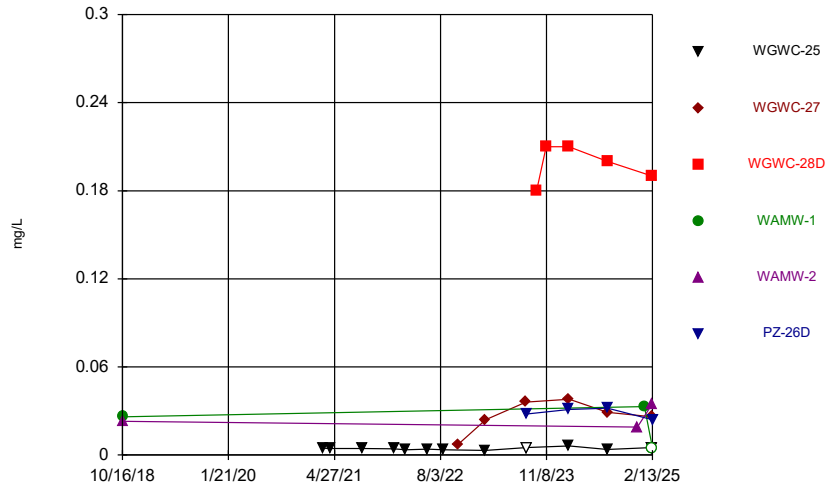
Time Series



Constituent: Lithium Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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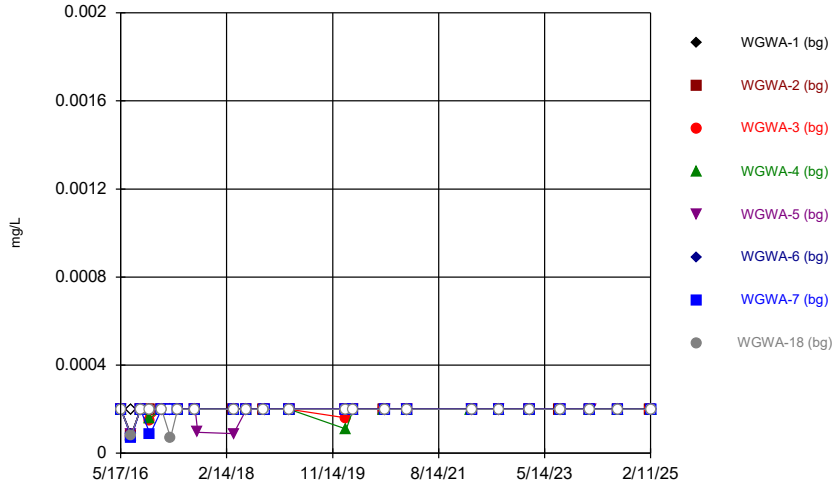
Time Series



Constituent: Lithium Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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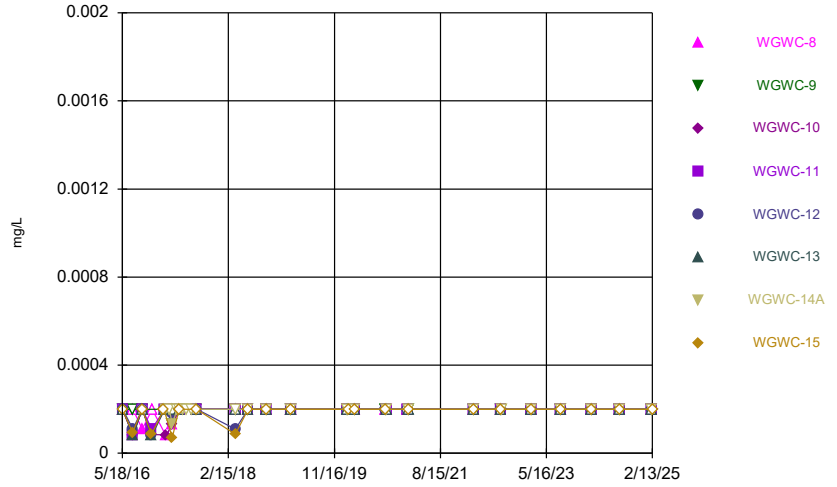
Time Series



Constituent: Mercury Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

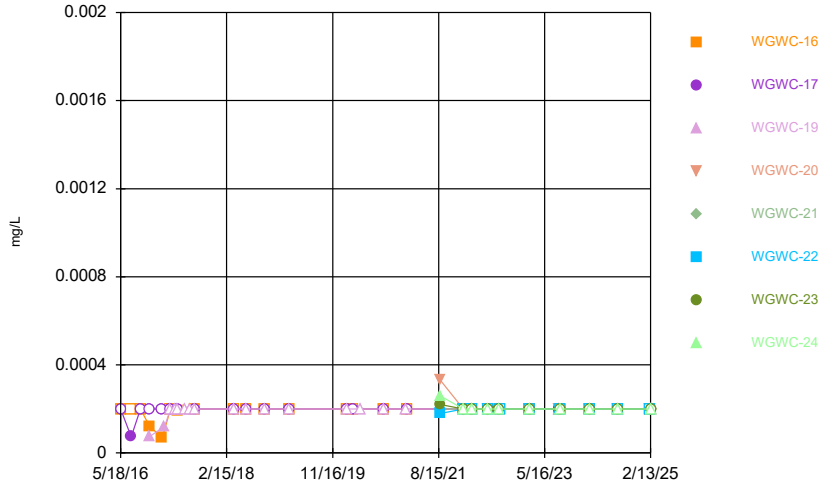
Time Series



Constituent: Mercury Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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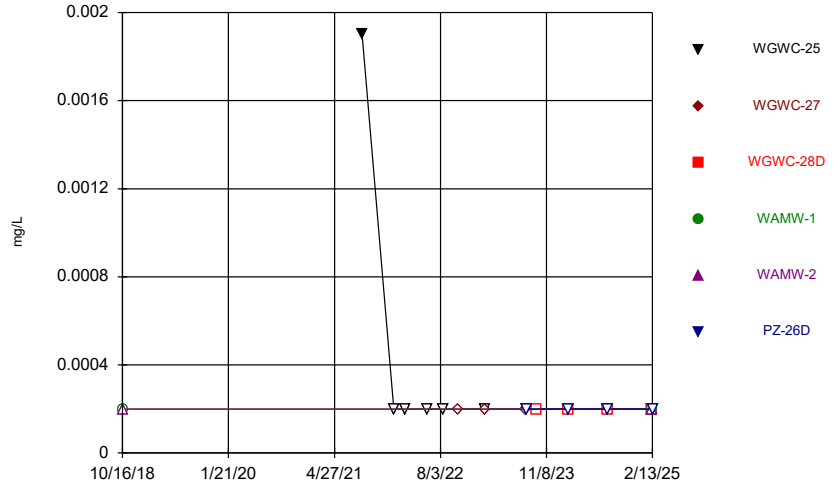
Time Series



Constituent: Mercury Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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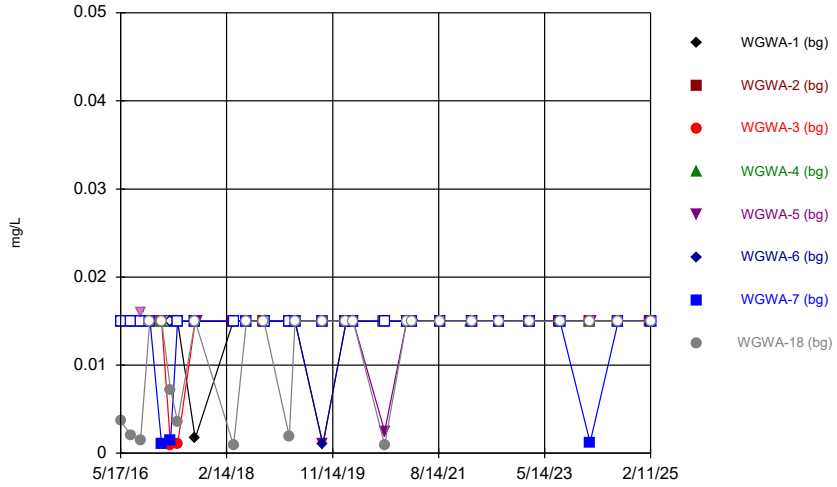
Time Series



Constituent: Mercury Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
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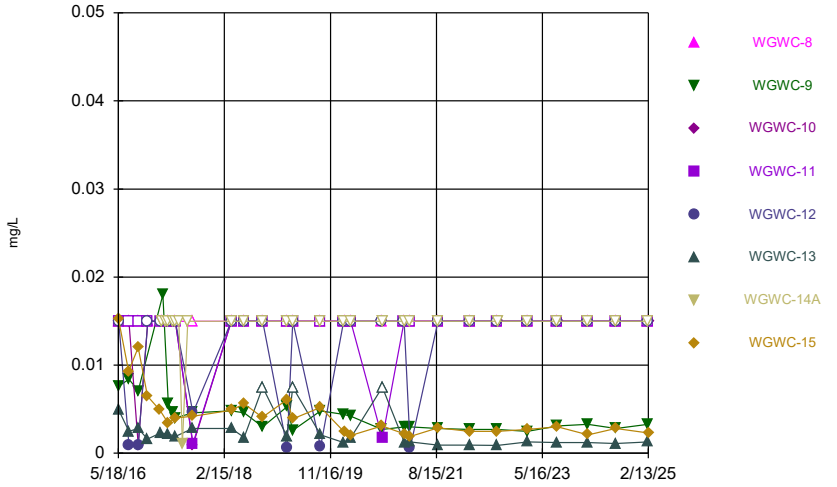
Time Series



Constituent: Molybdenum Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

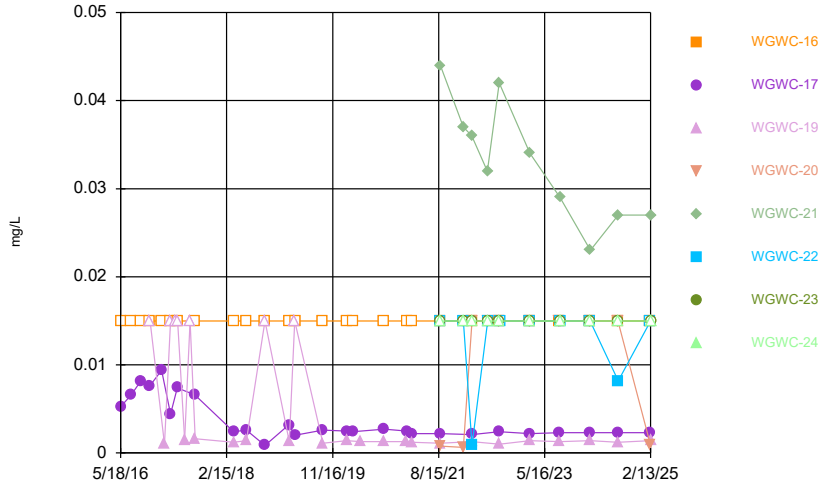
Time Series



Constituent: Molybdenum Analysis Run 4/11/2025 1:40 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

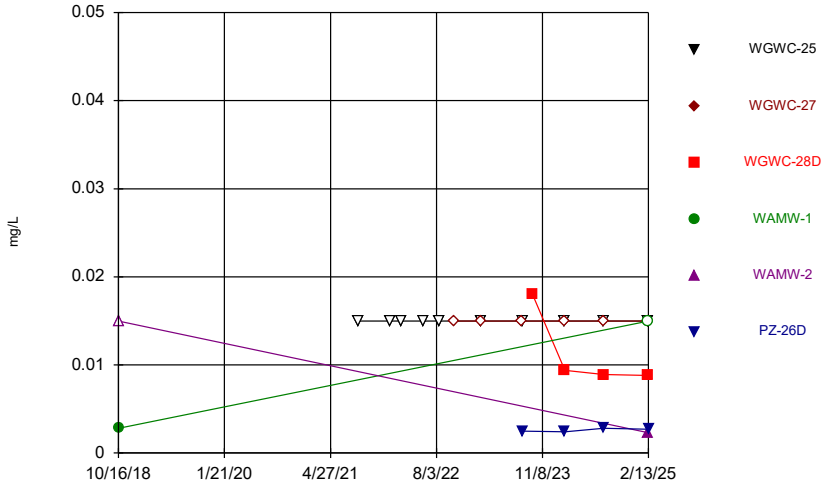
Time Series



Constituent: Molybdenum Analysis Run 4/11/2025 1:41 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

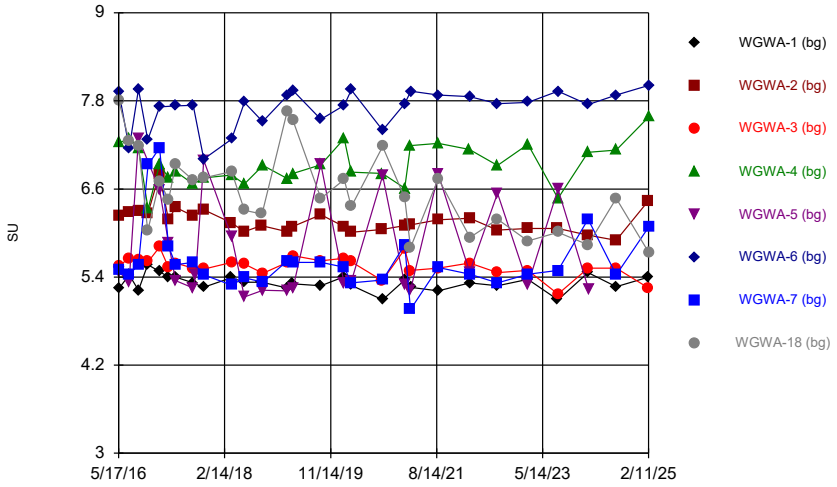
Time Series



Constituent: Molybdenum Analysis Run 4/11/2025 1:41 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Time Series

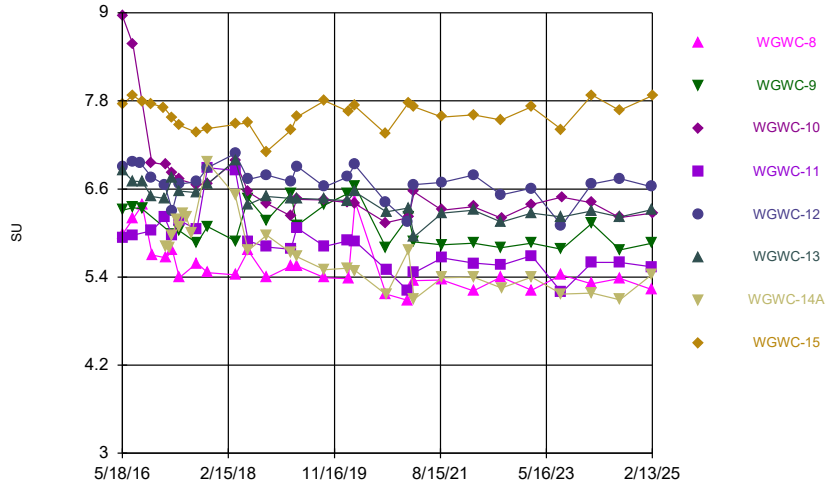


Constituent: pH, Field Analysis Run 4/11/2025 1:41 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Time Series

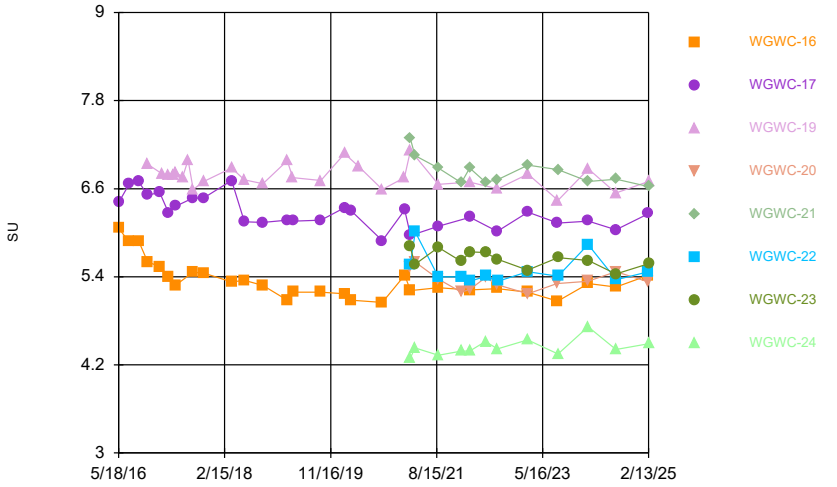


Constituent: pH, Field Analysis Run 4/11/2025 1:41 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Time Series

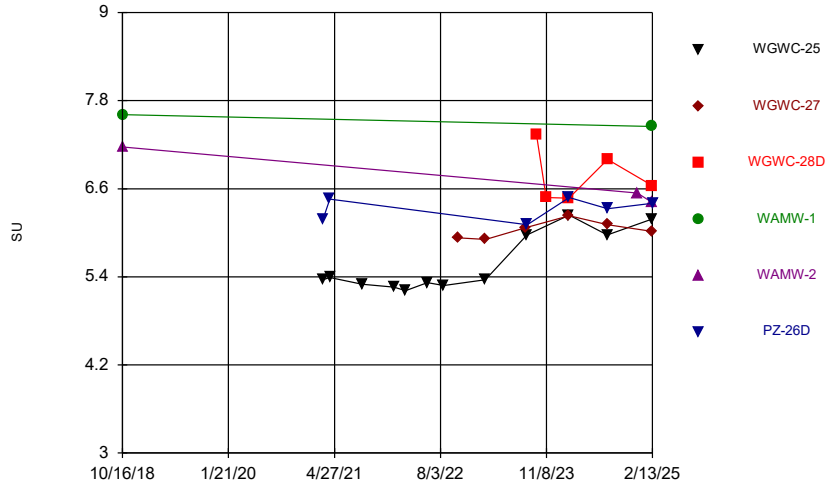


Constituent: pH, Field Analysis Run 4/11/2025 1:41 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Time Series

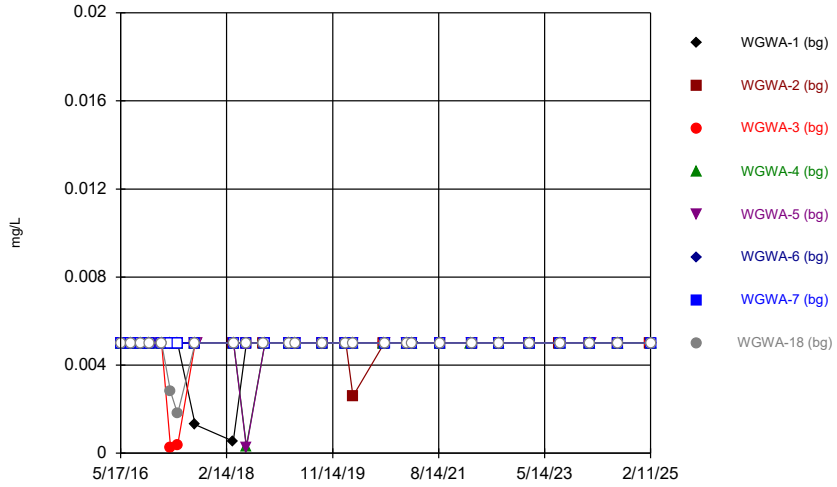


Constituent: pH, Field Analysis Run 4/11/2025 1:41 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

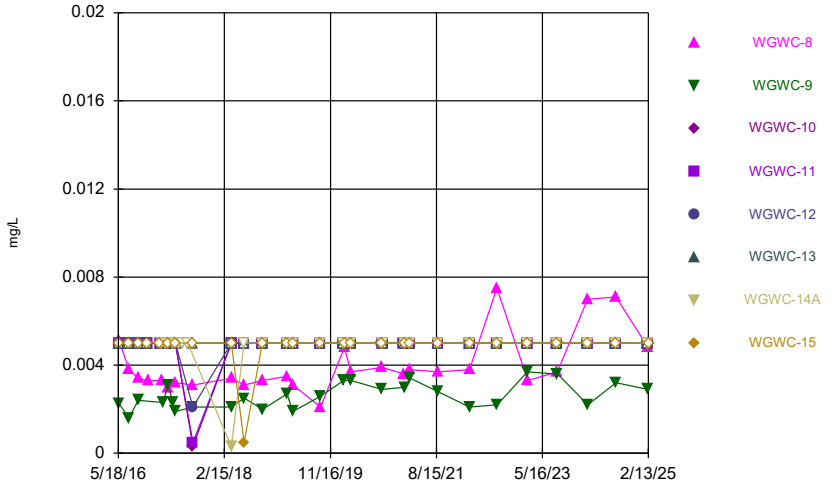
Time Series



Constituent: Selenium Analysis Run 4/11/2025 1:41 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

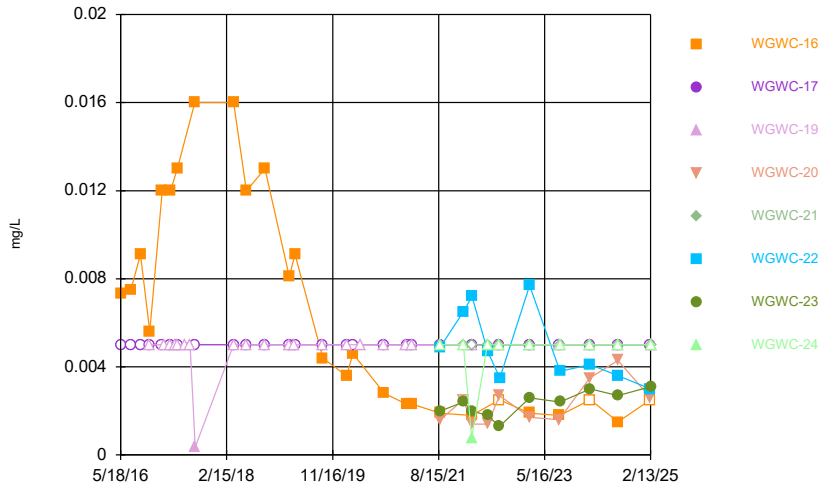
Time Series



Constituent: Selenium Analysis Run 4/11/2025 1:41 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

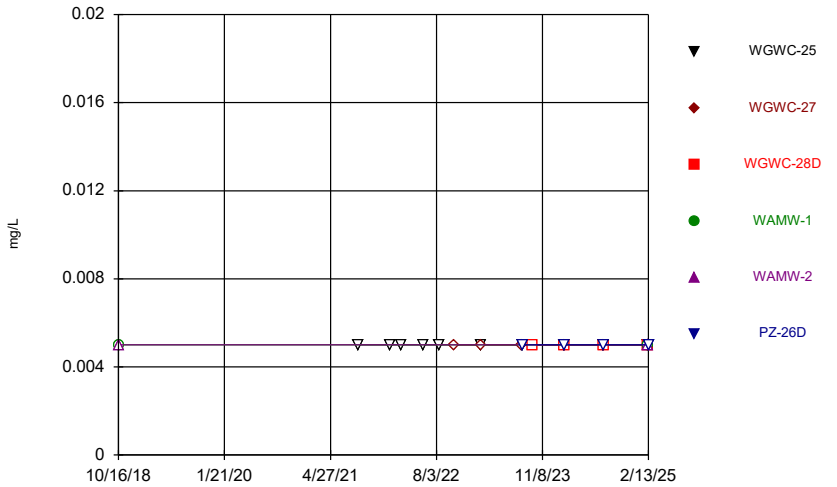
Time Series



Constituent: Selenium Analysis Run 4/11/2025 1:41 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

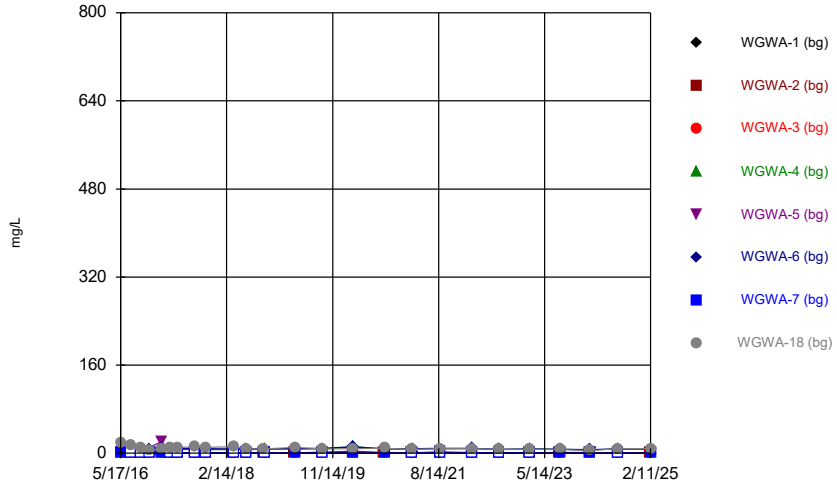
Time Series



Constituent: Selenium Analysis Run 4/11/2025 1:41 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

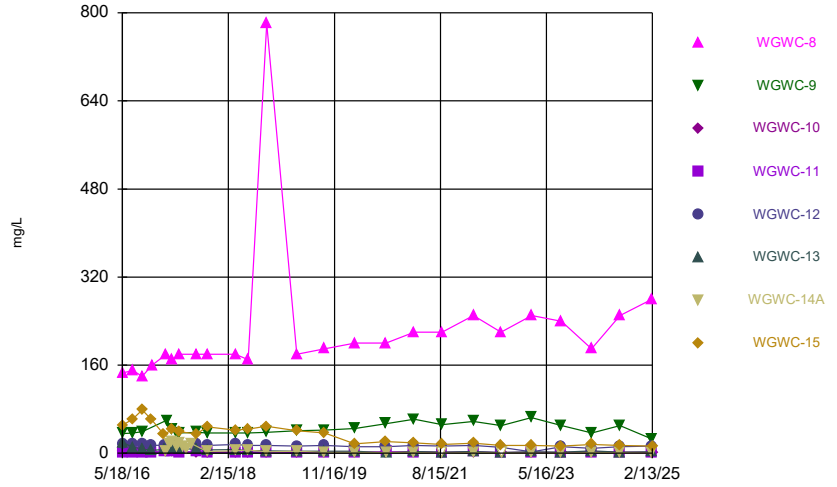
Time Series



Constituent: Sulfate Analysis Run 4/11/2025 1:41 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

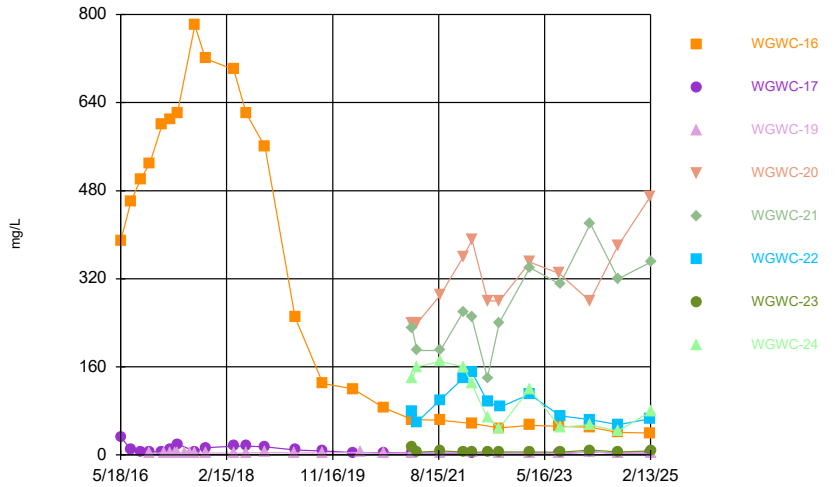
Time Series



Constituent: Sulfate Analysis Run 4/11/2025 1:41 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

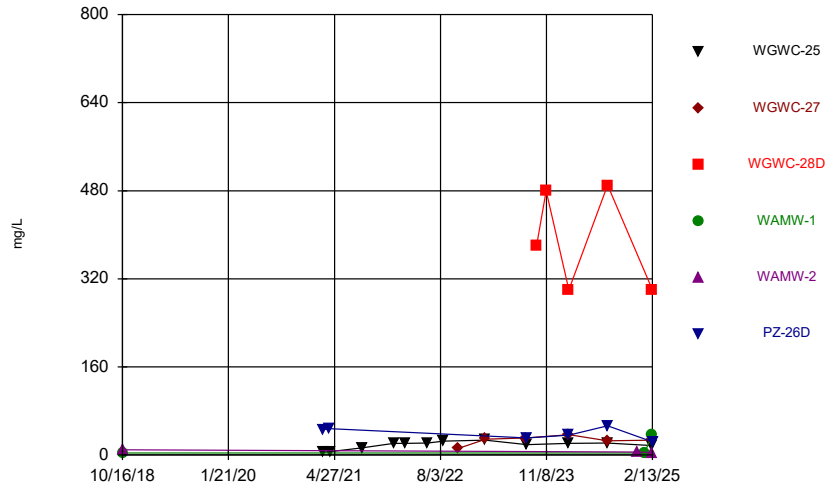
Time Series



Constituent: Sulfate Analysis Run 4/11/2025 1:41 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

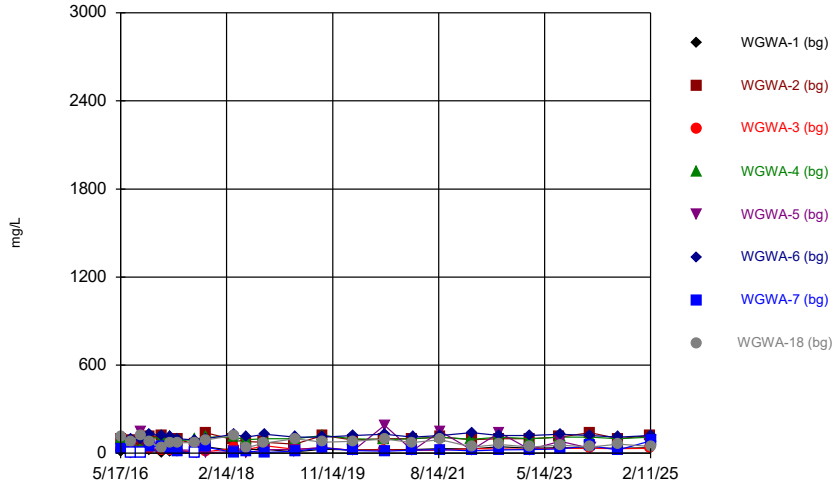
Time Series



Constituent: Sulfate Analysis Run 4/11/2025 1:41 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

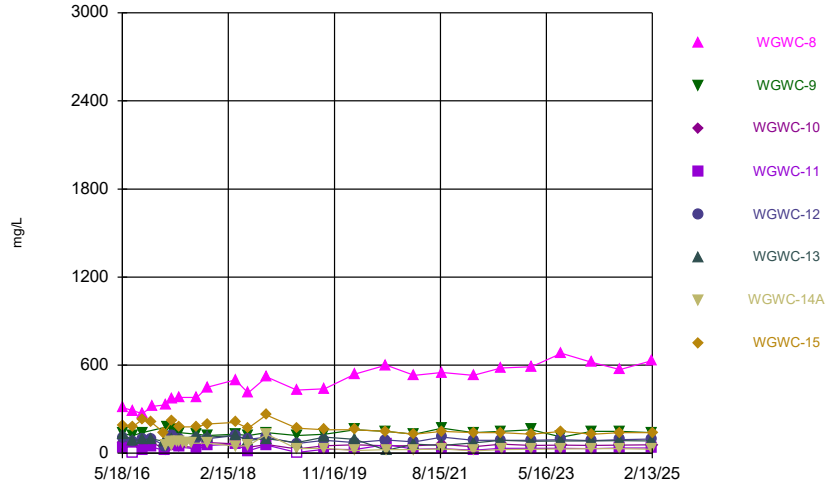
Time Series



Constituent: TDS Analysis Run 4/11/2025 1:41 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

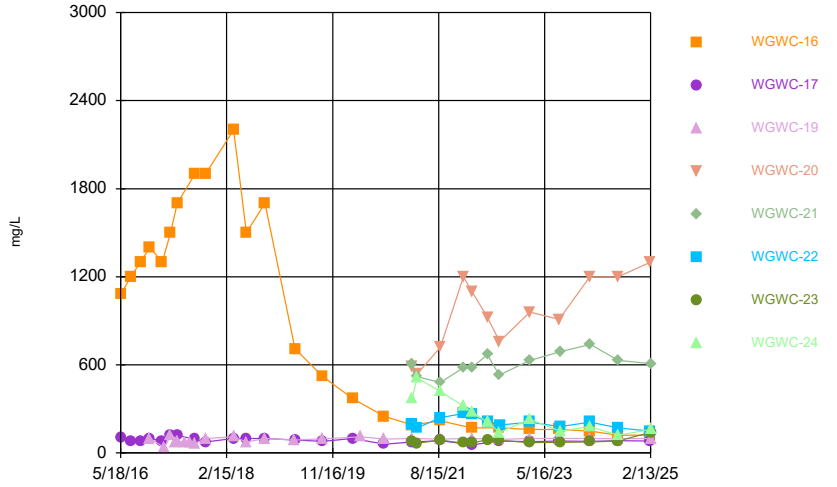
Time Series



Constituent: TDS Analysis Run 4/11/2025 1:41 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

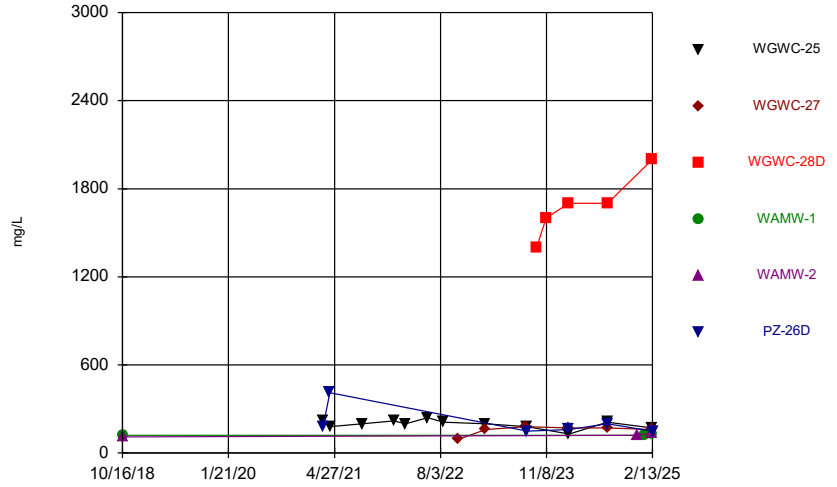
Time Series



Constituent: TDS Analysis Run 4/11/2025 1:41 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

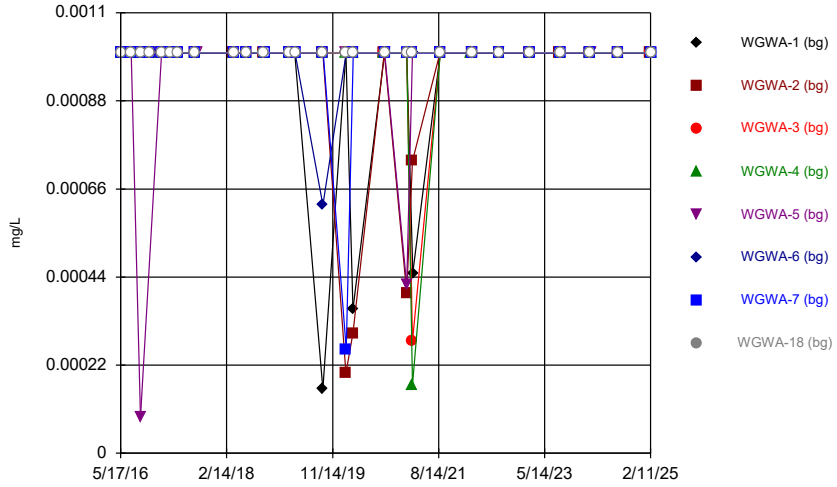
Time Series



Constituent: TDS Analysis Run 4/11/2025 1:41 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

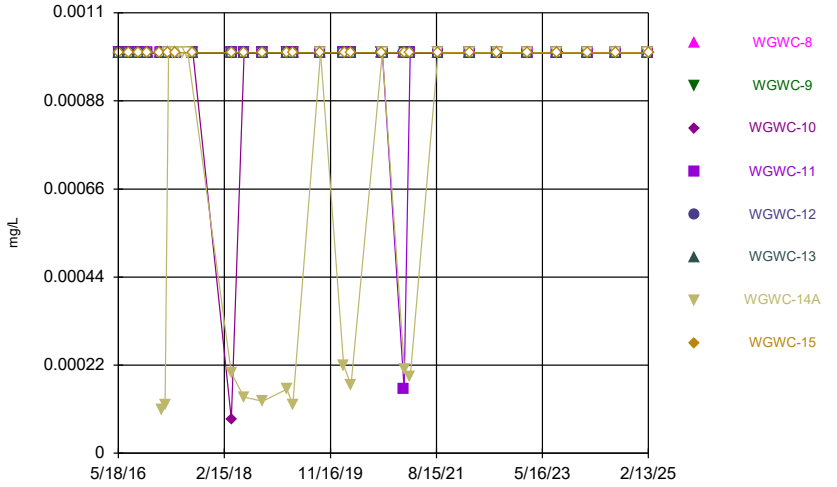
Time Series



Constituent: Thallium Analysis Run 4/11/2025 1:41 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

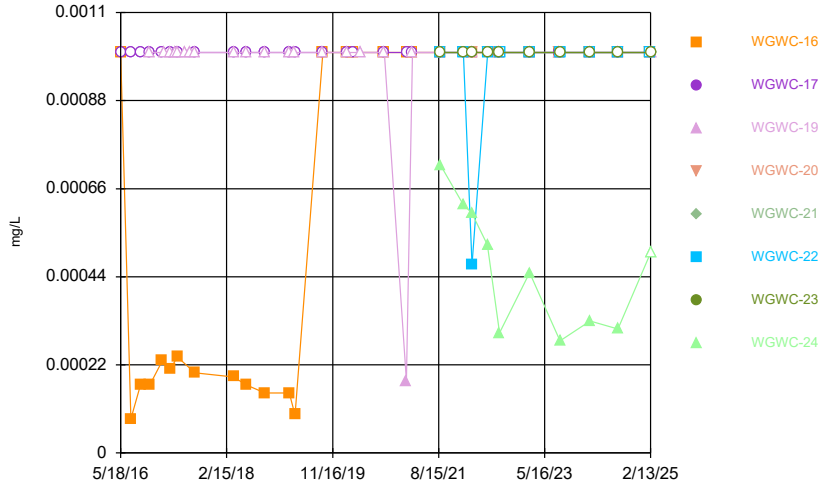
Time Series



Constituent: Thallium Analysis Run 4/11/2025 1:41 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

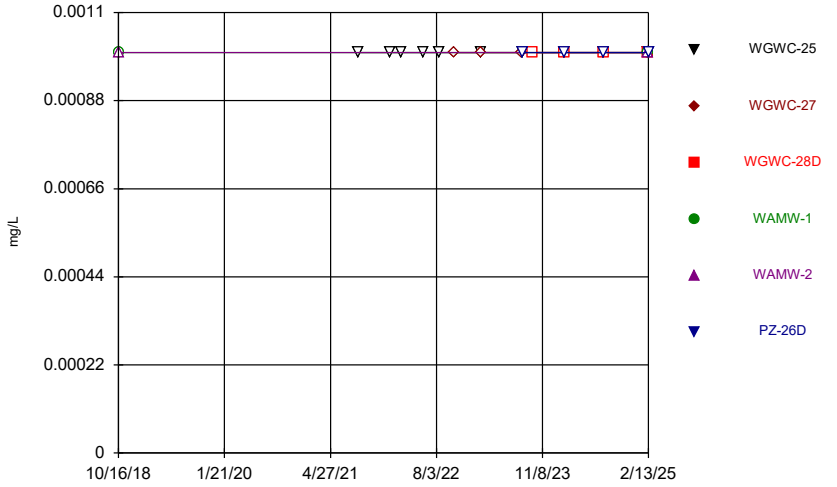
Time Series



Constituent: Thallium Analysis Run 4/11/2025 1:41 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Thallium Analysis Run 4/11/2025 1:41 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/11/2025 1:44 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)
5/17/2016	<0.002	<0.002						<0.002
5/18/2016			<0.002	<0.002	<0.002	<0.002	<0.002	
7/19/2016	<0.002	<0.002			<0.002	<0.002	<0.002	<0.002
7/20/2016			<0.002	<0.002				
9/13/2016	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002
9/14/2016					<0.002			
11/9/2016	<0.002	<0.002				<0.002		<0.002
11/10/2016			<0.002	<0.002			<0.002	
1/17/2017	<0.002	<0.002						
1/18/2017			<0.002	<0.002		<0.002	<0.002	
1/19/2017					<0.002			<0.002
3/13/2017	<0.002	<0.002						
3/14/2017			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
4/24/2017	<0.002	<0.002						
4/25/2017			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
8/8/2017	0.0022 (J)	<0.002	<0.002			<0.002	<0.002	<0.002
8/9/2017				<0.002	<0.002			
8/25/2017					<0.002			
3/27/2018	<0.002	<0.002						
3/28/2018			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
2/25/2019	<0.002	<0.002						
2/26/2019			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
2/3/2020	<0.002	<0.002						
2/4/2020			<0.002	<0.002	<0.002	<0.002		
2/5/2020							<0.002	<0.002
2/2/2021	0.00062 (J)	<0.002	<0.002	<0.002			<0.002	<0.002
2/3/2021					<0.002	<0.002		
3/10/2021		<0.002	<0.002	<0.002	<0.002		<0.002	<0.002
3/11/2021	<0.002					<0.002		
8/23/2021		<0.002						
8/24/2021	<0.002			<0.002	<0.002	<0.002	<0.002	
8/25/2021			<0.002					<0.002
2/28/2022				<0.002				
3/1/2022	<0.002	<0.002	<0.002		<0.002	<0.002		
3/3/2022							<0.002	<0.002
8/15/2022	<0.002	<0.002			<0.002	<0.002		
8/16/2022			<0.002	0.00051 (J)			<0.002	<0.002
2/14/2023	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002
2/15/2023				<0.002				
8/14/2023	<0.002	<0.002						
8/15/2023			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
2/13/2024	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002
2/16/2024					<0.002			
7/30/2024	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002
2/10/2025	<0.002	<0.002	<0.002					
2/11/2025				<0.002		<0.002	<0.002	<0.002

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
5/18/2016			<0.002					<0.002
5/19/2016	<0.002	<0.002		<0.002	<0.002	<0.002		
7/19/2016								<0.002
7/20/2016	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002		
9/14/2016		<0.002	<0.002	<0.002	<0.002	<0.002		<0.002
9/15/2016	<0.002							
11/10/2016						<0.002		<0.002
11/11/2016			<0.002	<0.002	<0.002			
11/14/2016	<0.002							
1/24/2017								<0.002
1/27/2017				<0.002	<0.002	<0.002		
2/6/2017	<0.002		<0.002					
2/8/2017							<0.002	
2/9/2017		<0.002						
2/23/2017							<0.002	
3/14/2017								<0.002
3/15/2017	<0.002	0.0011 (J)	<0.002	<0.002	<0.002	<0.002		
3/17/2017							<0.002	
4/11/2017		<0.002					<0.002	
4/25/2017								<0.002
4/26/2017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	
5/17/2017							<0.002	
6/7/2017							<0.002	
7/11/2017							<0.002	
8/9/2017						<0.002		<0.002
8/10/2017	<0.002	<0.002	<0.002	<0.002	0.0023 (J)			
3/29/2018	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002	
3/30/2018			<0.002					<0.002
2/27/2019	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
2/28/2019		<0.002						
2/5/2020		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	
2/7/2020	<0.002							<0.002
2/3/2021	<0.002			<0.002	<0.002			
2/4/2021		0.00041 (J)	<0.002			<0.002	<0.002	<0.002
3/11/2021	<0.002		<0.002			<0.002	<0.002	
3/12/2021		<0.002		<0.002	<0.002			<0.002
8/25/2021				<0.002	<0.002	<0.002	<0.002	
8/26/2021	<0.002	<0.002	<0.002					<0.002
3/3/2022	<0.002	0.008	<0.002	<0.002		<0.002	<0.002	<0.002
3/4/2022					<0.002			
8/16/2022	0.011			0.00053 (J)				
8/17/2022		0.0043						<0.002
8/18/2022					<0.002	<0.002		
8/19/2022			<0.002				<0.002	
2/15/2023		0.00048 (J)						<0.002
2/16/2023	0.00064 (J)		<0.002	<0.002	<0.002	<0.002	<0.002	
8/15/2023	0.0079							
8/16/2023		0.0011 (J)		<0.002	<0.002	<0.002	<0.002	<0.002
8/17/2023			<0.002					
2/13/2024	<0.002							
2/14/2024		0.0063			<0.002			
2/15/2024			<0.002			<0.002	<0.002	<0.002

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
2/16/2024				<0.002				
7/31/2024			<0.002	<0.002	<0.002	<0.002		<0.002
8/1/2024	0.0074	0.001 (J)						
8/2/2024							<0.002	
2/11/2025	<0.002	0.0079		<0.002	<0.002			
2/12/2025						<0.002	<0.002	
2/13/2025			<0.002					<0.002

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
5/18/2016	<0.002	<0.002						
7/19/2016	<0.002							
7/20/2016		<0.002						
9/14/2016	<0.002	<0.002						
11/10/2016	<0.002	<0.002						
11/11/2016			<0.002					
1/20/2017		<0.002						
1/24/2017	<0.002							
2/6/2017			<0.002					
3/14/2017		<0.002						
3/15/2017	<0.002		<0.002					
4/11/2017			<0.002					
4/25/2017	<0.002	<0.002						
4/26/2017			<0.002					
6/7/2017			<0.002					
7/11/2017			<0.002					
8/9/2017	<0.002	<0.002						
8/10/2017			<0.002					
3/29/2018	<0.002		<0.002					
3/30/2018		<0.002						
2/26/2019		<0.002						
2/27/2019	<0.002							
2/28/2019			<0.002					
2/7/2020	<0.002	<0.002	<0.002					
2/3/2021			<0.002					
2/4/2021	<0.002	<0.002						
3/11/2021	<0.002	<0.002	<0.002					
8/25/2021	<0.002	<0.002						
8/26/2021			<0.002	<0.002	0.00076 (J)	<0.002	<0.002	<0.002
1/11/2022					<0.002	0.00078 (J)	0.0012 (J)	<0.002
1/12/2022				0.00066 (J)				
3/3/2022	<0.002		<0.002		0.00053 (J)			<0.002
3/4/2022		<0.002		0.0011 (J)		0.00082 (J)	0.0018 (J)	
6/6/2022					<0.002		0.0013 (J)	<0.002
6/7/2022				<0.002		0.00054 (J)		
8/16/2022		<0.002			0.00055 (J)			
8/17/2022	<0.002		0.00058 (J)				<0.002	
8/18/2022				<0.002				<0.002
8/19/2022						<0.002		
2/15/2023	<0.002					0.0012 (J)	0.0022	<0.002
2/16/2023		<0.002	<0.002	<0.002	<0.002			
8/11/2023				0.00069 (J)				
8/15/2023	<0.002							
8/16/2023		<0.002	<0.002					
8/17/2023					<0.002	<0.002	<0.002	<0.002
2/13/2024				0.00044 (J)				
2/14/2024						0.00076 (J)		<0.002
2/15/2024	<0.002	<0.002	<0.002		<0.002		<0.002	
7/30/2024	<0.002							
7/31/2024		<0.002	<0.002	<0.002			<0.002	<0.002
8/1/2024					<0.002			
8/2/2024						<0.002		

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
2/11/2025		<0.002						
2/12/2025	<0.002			<0.002		<0.002		
2/13/2025			<0.002		<0.002		<0.002	<0.002

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-27	WGWC-28D	WAMW-1	WAMW-2	PZ-26D
8/26/2021	<0.002					
1/11/2022	<0.002					
3/4/2022	<0.002					
6/7/2022	<0.002					
8/17/2022	<0.002					
10/19/2022		<0.002				
2/15/2023	<0.002					
2/16/2023		0.00047 (J)				
8/11/2023		0.0015 (J)				
8/15/2023	<0.002					
8/17/2023						0.00038 (J)
9/26/2023			0.00057 (J)			
2/14/2024			<0.002			
2/15/2024	<0.002	0.00056 (J)				<0.002
7/31/2024	<0.002					
8/1/2024		<0.002	<0.002			<0.002
2/12/2025	<0.002	<0.002	<0.002	<0.002	<0.002	
2/13/2025						<0.002

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/11/2025 1:44 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)
5/17/2016	<0.001	<0.001						<0.001
5/18/2016			<0.001	<0.001	<0.001	<0.001	<0.001	
7/19/2016	<0.001	<0.001			<0.001	<0.001	<0.001	0.00061 (J)
7/20/2016			<0.001	<0.001				
9/13/2016	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	0.00074 (J)
9/14/2016					0.00069 (J)			
11/9/2016	<0.001	<0.001				<0.001		<0.001
11/10/2016			<0.001	0.00078 (J)			<0.001	
1/17/2017	<0.001	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)
3/13/2017	<0.001	<0.001						
3/14/2017			<0.001	<0.001	<0.001	<0.001	<0.001	0.0014
4/24/2017	<0.001	<0.001						
4/25/2017			<0.001	<0.001	<0.001	<0.001	<0.001	0.00062 (J)
8/8/2017	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001
8/9/2017				<0.001	<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	0.00046 (J)
6/13/2018	0.001 (J)				<0.001	<0.001		0.00057 (J)
6/14/2018		0.0012 (J)	0.00087 (J)	0.0005 (J)			0.0005 (J)	
9/24/2018		<0.001						
9/27/2018	<0.001							
9/28/2018								<0.001
10/2/2018						<0.001		
10/3/2018			0.00069 (J)	<0.001	0.00085 (J)		<0.001	
2/25/2019	<0.001	<0.001						
2/26/2019			<0.001	0.00033 (J)	<0.001	<0.001	<0.001	0.00054 (J)
4/1/2019	<0.001	<0.001						
4/2/2019			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/16/2019	<0.001				<0.001	0.00036 (J)		
9/17/2019		0.00033 (J)		0.00035 (J)				0.0004 (J)
9/18/2019			<0.001				<0.001	
2/3/2020	<0.001	<0.001						
2/4/2020			<0.001	0.00033 (J)	<0.001	<0.001		
2/5/2020							<0.001	0.00058 (J)
3/16/2020	0.00038 (J)	0.00043 (J)						
3/17/2020			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/21/2020		<0.001	<0.001	<0.001				
9/22/2020	<0.001				<0.001	<0.001	<0.001	<0.001
2/2/2021	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001
2/3/2021					<0.001	<0.001		
3/10/2021		0.00063 (J)	<0.001	0.00036 (J)	<0.001		<0.001	<0.001
3/11/2021	<0.001					<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
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
8/15/2022	<0.001	<0.001			<0.001	<0.001		

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/11/2025 1:44 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)
8/16/2022			<0.001	<0.001			<0.001	<0.001
2/14/2023	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
2/15/2023				<0.001				
8/14/2023	<0.001	<0.001						
8/15/2023			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/13/2024	<0.001	<0.001	<0.001	<0.001		0.00098 (J)	0.00097 (J)	0.00093 (J)
2/16/2024					<0.001			
7/30/2024	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
2/10/2025	<0.001	<0.001	<0.001					
2/11/2025				<0.001		<0.001	<0.001	<0.001

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
5/18/2016			<0.001					0.00345 (J)
5/19/2016	<0.001	<0.001		<0.001	<0.001	<0.001		
7/19/2016								0.0031
7/20/2016	0.00055 (J)	0.00078 (J)	<0.001	<0.001	<0.001	<0.001		
9/14/2016		<0.001	<0.001	<0.001	<0.001	<0.001		0.0024
9/15/2016	<0.001							
11/10/2016						<0.001		0.0023
11/11/2016			<0.001	<0.001	<0.001			
11/14/2016	<0.001							
1/24/2017								0.0019
1/27/2017				0.00047 (J)	<0.001	0.00066 (J)		
2/6/2017	<0.001		<0.001					
2/8/2017							<0.001	
2/9/2017		0.0017						
2/23/2017							<0.001	
3/14/2017								0.0016
3/15/2017	<0.001	0.00047 (J)	<0.001	<0.001	<0.001	<0.001		
3/17/2017							0.0006 (J)	
4/11/2017		<0.001					0.0032	
4/25/2017								0.0019
4/26/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0019	
5/17/2017							0.0014	
6/7/2017							0.0021	
7/11/2017							0.00095 (J)	
8/9/2017						<0.001		0.0017
8/10/2017	<0.001	<0.001	<0.001	<0.001	0.00048 (J)			
3/29/2018	<0.001	<0.001		<0.001	<0.001	0.00067 (J)	<0.001	
3/30/2018			<0.001					0.0018
6/14/2018	<0.001	<0.001	0.0005 (J)	<0.001	0.00052 (J)	0.00093 (J)	<0.001	0.002
10/3/2018								0.0024
10/4/2018	0.0015	<0.001	0.00089 (J)	0.00054 (J)	<0.001	0.0015	0.0017	
2/27/2019	0.00047 (J)		<0.001	<0.001	<0.001	0.00036 (J)	<0.001	0.0015
2/28/2019		<0.001						
4/3/2019	<0.001	<0.001		<0.001	<0.001	0.00053 (J)	<0.001	
4/4/2019			<0.001					0.0019
9/18/2019						0.00039 (J)	<0.001	0.0016
9/19/2019	0.00032 (J)	<0.001	0.00038 (J)	<0.001	<0.001			
2/5/2020		<0.001	0.00035 (J)	<0.001	<0.001	0.00048 (J)	<0.001	
2/7/2020	0.0011							0.001
3/18/2020			<0.001	<0.001	<0.001			0.00088 (J)
3/19/2020	0.00071 (J)	<0.001				0.00039 (J)	<0.001	
9/22/2020	0.0011							
9/23/2020		<0.001	<0.001		<0.001			0.00061 (J)
9/24/2020				0.00051 (J)		<0.001	<0.001	
2/3/2021	0.0013			<0.001	<0.001			
2/4/2021		<0.001	<0.001			0.00038 (J)	<0.001	0.00069 (J)
3/11/2021	0.0009 (J)		0.00031 (J)			0.00035 (J)	<0.001	
3/12/2021		<0.001		<0.001	<0.001			0.00084 (J)
8/25/2021				<0.001	<0.001	<0.001	<0.001	
8/26/2021	0.0013	<0.001	<0.001					0.0012
3/3/2022	0.0014	<0.001	<0.001	<0.001		<0.001	<0.001	0.00057 (J)
3/4/2022					0.00037 (J)			

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
8/16/2022	0.00097 (J)			<0.001				
8/17/2022		<0.001						0.00052 (J)
8/18/2022					<0.001	0.00034 (J)		
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	
8/15/2023	0.00087 (J)							
8/16/2023		<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
8/17/2023			<0.001					
2/13/2024	0.0017							
2/14/2024		<0.001			0.001			
2/15/2024			<0.001			<0.001	<0.001	<0.001
2/16/2024				<0.001				
7/31/2024			<0.001	<0.001	<0.001	<0.001		<0.001
8/1/2024	0.0016	<0.001						
8/2/2024							<0.001	
2/11/2025	0.0012	<0.001		<0.001	<0.001			
2/12/2025						<0.001	<0.001	
2/13/2025			<0.001					<0.001

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
5/18/2016	<0.001	<0.001						
7/19/2016	0.0009 (J)							
7/20/2016		0.00058 (J)						
9/14/2016	0.0014	<0.001						
11/10/2016	0.0021	0.00082 (J)						
11/11/2016			<0.001					
1/20/2017		<0.001						
1/24/2017	0.0015							
2/6/2017			<0.001					
3/14/2017		<0.001						
3/15/2017	0.0014		<0.001					
4/11/2017			<0.001					
4/25/2017	0.0014	0.00095 (J)						
4/26/2017			<0.001					
6/7/2017			<0.001					
7/11/2017			<0.001					
8/9/2017	0.0013	<0.001						
8/10/2017			<0.001					
3/29/2018	0.0014		<0.001					
3/30/2018		<0.001						
6/14/2018	<0.001	0.00076 (J)	<0.001					
10/4/2018	0.0013	0.00088 (J)	<0.001					
2/26/2019		0.0005 (J)						
2/27/2019	0.00046 (J)							
2/28/2019			<0.001					
4/2/2019			<0.001					
4/4/2019	<0.001	<0.001						
9/18/2019	<0.001	<0.001	<0.001					
2/7/2020	<0.001	0.00075 (J)	<0.001					
3/18/2020	<0.001	0.00054 (J)						
5/4/2020			<0.001					
9/23/2020	<0.001	0.00067 (J)	<0.001					
2/3/2021			<0.001					
2/4/2021	<0.001	0.00035 (J)						
3/11/2021	<0.001	<0.001	<0.001					
8/25/2021	<0.001	<0.001						
8/26/2021			<0.001	0.00031 (J)	0.00057 (J)	<0.001	<0.001	0.0033
1/11/2022					0.00036 (J)	<0.001	<0.001	0.0017
1/12/2022				0.00052 (J)				
3/3/2022	<0.001		<0.001		0.00053 (J)			0.0029
3/4/2022		<0.001		0.00078 (J)		0.00046 (J)	<0.001	
6/6/2022					0.00083 (J)		<0.001	0.00054 (J)
6/7/2022				0.00033 (J)		0.00029 (J)		
8/16/2022		<0.001			0.00028 (J)			
8/17/2022	<0.001		<0.001				<0.001	
8/18/2022				<0.001				0.00028 (J)
8/19/2022						<0.001		
2/15/2023	<0.001					<0.001	<0.001	<0.001
2/16/2023		<0.001	<0.001	<0.001	<0.001			
8/11/2023				<0.001				
8/15/2023	<0.001							
8/16/2023		<0.001	<0.001					

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
8/17/2023					<0.001	<0.001	<0.001	<0.001
2/13/2024				0.001				
2/14/2024						0.0011		0.0012
2/15/2024	<0.001	<0.001	<0.001		<0.001		<0.001	
7/30/2024	<0.001							
7/31/2024		<0.001	<0.001	0.0012			<0.001	<0.001
8/1/2024					<0.001			
8/2/2024						<0.001		
2/11/2025		<0.001						
2/12/2025	<0.001			<0.001		<0.001		
2/13/2025			<0.001		<0.001		<0.001	<0.001

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-27	WGWC-28D	WAMW-1	WAMW-2	PZ-26D
10/16/2018					0.00066 (J)	
10/18/2018				0.00052 (J)		
8/26/2021	<0.001					
1/11/2022	<0.001					
3/4/2022	<0.001					
6/7/2022	<0.001					
8/17/2022	<0.001					
10/19/2022		<0.001				
2/15/2023	<0.001					
2/16/2023		<0.001				
8/11/2023		<0.001				
8/15/2023	<0.001					
8/17/2023						<0.001
9/26/2023			0.0013			
2/14/2024			0.0022			
2/15/2024	0.00096 (J)	<0.001				<0.001
7/31/2024	<0.001					
8/1/2024		<0.001	0.0025			<0.001
2/12/2025	<0.001	<0.001	<0.001	<0.001	<0.001	
2/13/2025						<0.001

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

Time Series

Constituent: Barium (mg/L) Analysis Run 4/11/2025 1:44 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)
5/17/2016	0.041	0.0308						0.0221
5/18/2016			0.0174	0.00723 (J)	0.0198	0.00518 (J)	0.0114	
7/19/2016	0.038	0.022			0.015	0.0049	0.012	0.018
7/20/2016			0.012	0.0051				
9/13/2016	0.029	0.021	0.013	0.0058		0.006	0.011	0.021
9/14/2016					0.062			
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
3/13/2017	0.042	0.019						
3/14/2017			0.014	0.0058	0.018	0.014	0.01	0.017
4/24/2017	0.039	0.019						
4/25/2017			0.015	0.0056	0.018	0.0062	0.012	0.017
8/8/2017	0.044	0.022	0.015			0.0065	0.012	0.021
8/9/2017				0.0056	0.016			
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
6/13/2018	0.045				0.016	0.0067		0.013
6/14/2018		0.02	0.013	0.0057			0.012	
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	
2/25/2019	0.049	0.027						
2/26/2019			0.014	0.012	0.02	0.011	0.013	0.015
4/1/2019	0.044	0.027						
4/2/2019			0.014	0.0056	0.016	0.0069	0.011	0.014
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	
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
3/16/2020	0.046	0.026						
3/17/2020			0.013	0.0059 (J)	0.017	0.0081 (J)	0.012	0.013
9/21/2020		0.024	0.015	0.006 (J)				
9/22/2020	0.048				0.032	0.0079 (J)	0.013	0.015
2/2/2021	0.05	0.025	0.015	0.006 (J)			0.012	0.017
2/3/2021					0.015	0.0079 (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)		
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
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
8/15/2022	0.045	0.022			0.029	0.0069 (J)		

Time Series

Constituent: Barium (mg/L) Analysis Run 4/11/2025 1:44 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)
8/16/2022			0.014	0.0062 (J)			0.011	0.012
2/14/2023	0.05	0.022	0.015		0.018	0.0078 (J)	0.011	0.013
2/15/2023				0.0058 (J)				
8/14/2023	0.05	0.025						
8/15/2023			0.014	0.0055 (J)	0.016	0.0072 (J)	0.013	0.016
2/13/2024	0.047	0.025	0.014	0.0062 (J)		0.0076 (J)	0.0099 (J)	0.013
2/16/2024					0.014			
7/30/2024	0.052	0.031	0.016	0.0069 (J)		0.0086 (J)	0.013	0.02
2/10/2025	0.049	0.023	0.014					
2/11/2025				0.0086 (J)		0.0091 (J)	0.011	0.014

Time Series

Constituent: Barium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
5/18/2016			0.0391					0.0206
5/19/2016	0.0026 (J)	<0.01		0.031	0.0214	0.055		
7/19/2016								0.019
7/20/2016	0.0017 (J)	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		0.02
9/15/2016	0.0039							
11/10/2016						0.04		0.02
11/11/2016			0.042	0.034	0.022			
11/14/2016	0.00085 (J)							
1/24/2017								0.017
1/27/2017				0.042	0.023	0.042		
2/6/2017	0.0011 (J)		0.041					
2/8/2017							0.037	
2/9/2017		0.0015 (J)						
2/23/2017							0.051	
3/14/2017								0.018
3/15/2017	0.0013 (J)	0.00054 (J)	0.04	0.032	0.024	0.058		
3/17/2017							0.046	
4/11/2017		0.0007 (J)					0.055	
4/25/2017								0.018
4/26/2017	0.00098 (J)	<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		0.02
8/10/2017	0.0025	0.00053 (J)	0.038	0.03	0.017			
3/29/2018	0.00085 (J)	<0.01		0.028	0.017	0.061	0.028	
3/30/2018			0.042					0.021
6/14/2018	0.0028	0.00088 (J)	0.038	0.03	0.015	0.055	0.023	0.022
10/3/2018								0.024
10/4/2018	0.0017 (J)	0.00076 (J)	0.04	0.035	0.017	0.046	0.036	
2/27/2019	<0.01		0.04	0.04	0.016	0.054	0.028	0.023
2/28/2019		0.0023 (J)						
4/3/2019	0.001 (J)	<0.01		0.035	0.015	0.056	0.026	
4/4/2019			0.04					0.022
9/18/2019						0.062	0.025	0.026
9/19/2019	<0.01	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	
2/7/2020	<0.01							0.022
3/18/2020			0.035	0.038	0.016			0.021
3/19/2020	<0.01	0.0021 (J)				0.072	0.031	
9/22/2020	<0.01							
9/23/2020		<0.01	0.035		0.016			0.027
9/24/2020				0.061		0.038	0.034	
2/3/2021	<0.01			0.039	0.015			
2/4/2021		0.0016 (J)	0.035			0.047	0.029	0.028
3/11/2021	<0.01		0.033			0.049	0.032	
3/12/2021		<0.01		0.045	0.017			0.028
8/25/2021				0.04	0.016	0.046	0.03	
8/26/2021	<0.01	<0.01	0.032					0.029
3/3/2022	<0.01	<0.01	0.033	0.04		0.045	0.029	0.029
3/4/2022					0.016			

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

Time Series

Constituent: Barium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
8/16/2022	0.0014 (J)			0.038				
8/17/2022		<0.01						0.027
8/18/2022					0.014	0.041		
8/19/2022			0.03				0.026	
2/15/2023		<0.01						0.029
2/16/2023	0.00093 (J)		0.032	0.041	0.014	0.037	0.028	
8/15/2023	0.0019 (J)							
8/16/2023		<0.01		0.044	0.017	0.042	0.026	0.03
8/17/2023			0.036					
2/13/2024	0.0014 (J)							
2/14/2024		<0.01			0.017			
2/15/2024			0.034			0.037	0.027	0.031
2/16/2024				0.042				
7/31/2024			0.034	0.05	0.016	0.045		0.033
8/1/2024	0.0021 (J)	<0.01						
8/2/2024							0.027	
2/11/2025	0.0015 (J)	0.0018 (J)		0.053	0.018			
2/12/2025						0.04	0.027	
2/13/2025			0.032					0.033

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

Time Series

Constituent: Barium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
5/18/2016	0.0715	0.0219						
7/19/2016	0.069							
7/20/2016		0.019						
9/14/2016	0.066	0.017						
11/10/2016	0.069	0.02						
11/11/2016			0.0022 (J)					
1/20/2017		0.018						
1/24/2017	0.068							
2/6/2017			0.0018 (J)					
3/14/2017		0.019						
3/15/2017	0.065		0.0015 (J)					
4/11/2017			0.0014 (J)					
4/25/2017	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	0.069	0.017						
8/10/2017			0.0012 (J)					
3/29/2018	0.05		0.00097 (J)					
3/30/2018		0.015						
6/14/2018	0.046	0.013	0.0011 (J)					
10/4/2018	0.046	0.013	0.0012 (J)					
2/26/2019		0.012						
2/27/2019	0.028							
2/28/2019			<0.01					
4/2/2019			0.0013 (J)					
4/4/2019	0.027	0.011						
9/18/2019	0.032	0.011	<0.01					
2/7/2020	0.034	0.011	0.0065 (J)					
3/18/2020	0.034	0.012						
5/4/2020			<0.01					
9/23/2020	0.037	0.012	<0.01					
2/3/2021			<0.01					
2/4/2021	0.039	0.012						
3/11/2021	0.037	0.011	<0.01					
8/25/2021	0.035	0.011						
8/26/2021			<0.01	<0.01	0.0086 (J)	0.031	0.0078 (J)	0.042
1/11/2022					0.0076 (J)	0.04	0.0072 (J)	0.029
1/12/2022				<0.01				
3/3/2022	0.041		<0.01		0.0068 (J)			0.028
3/4/2022		0.011		<0.01		0.038	0.0081 (J)	
6/6/2022					0.0079 (J)		0.0097 (J)	0.032
6/7/2022				<0.01		0.025		
8/16/2022		0.011			0.0039 (J)			
8/17/2022	0.032		0.0012 (J)				0.0089 (J)	
8/18/2022				0.00091 (J)				0.041
8/19/2022						0.023		
2/15/2023	0.044					0.033	0.0055 (J)	0.036
2/16/2023		0.01	0.00096 (J)	<0.01	0.0053 (J)			
8/11/2023				<0.01				
8/15/2023	0.039							
8/16/2023		0.012	0.0014 (J)					

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

Time Series

Constituent: Barium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
8/17/2023					0.0044 (J)	0.021	0.01	0.046
2/13/2024				<0.01				
2/14/2024						0.041		0.052
2/15/2024	0.045	0.011	0.0012 (J)		0.0064 (J)		0.005 (J)	
7/30/2024	0.043							
7/31/2024		0.012	0.001 (J)	<0.01			0.011	0.047
8/1/2024					0.0047 (J)			
8/2/2024						0.021		
2/11/2025		0.012						
2/12/2025	0.04			<0.01		0.022		
2/13/2025			0.0077 (J)		0.0038 (J)		0.015	0.051

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

Time Series

Constituent: Barium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-27	WGWC-28D	WAMW-1	WAMW-2	PZ-26D
10/16/2018					0.0069	
10/18/2018				0.005		
8/26/2021	0.41					
1/11/2022	0.38					
3/4/2022	0.38					
6/7/2022	0.34					
8/17/2022	0.31					
10/19/2022		0.0036 (J)				
2/15/2023	0.33					
2/16/2023		0.0049 (J)				
8/11/2023		0.0047 (J)				
8/15/2023	0.19					
8/17/2023						0.024
9/26/2023			0.016			
2/14/2024			0.017			
2/15/2024	0.14	0.004 (J)				0.021
7/31/2024	0.23					
8/1/2024		0.0042 (J)	0.011			0.024
2/12/2025	0.19	0.0034 (J)	0.011	0.041	0.0093 (J)	
2/13/2025						0.017

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/11/2025 1:44 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)
5/17/2016	<0.0025	<0.0025						<0.0025
5/18/2016			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
7/19/2016	<0.0025	<0.0025			<0.0025	<0.0025	<0.0025	<0.0025
7/20/2016			<0.0025	<0.0025				
9/13/2016	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025
9/14/2016					<0.0025			
11/9/2016	<0.0025	<0.0025				<0.0025		<0.0025
11/10/2016			<0.0025	<0.0025			<0.0025	
1/17/2017	<0.0025	<0.0025						
1/18/2017			<0.0025	<0.0025		<0.0025	<0.0025	
1/19/2017					<0.0025			<0.0025
3/13/2017	<0.0025	<0.0025						
3/14/2017			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/24/2017	<0.0025	<0.0025						
4/25/2017			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/8/2017	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025	<0.0025
8/9/2017				<0.0025	<0.0025			
8/25/2017					<0.0025			
3/27/2018	<0.0025	<0.0025						
3/28/2018			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
6/13/2018	<0.0025				<0.0025	<0.0025		<0.0025
6/14/2018		<0.0025	<0.0025	<0.0025			<0.0025	
9/24/2018		<0.0025						
9/27/2018	<0.0025							
9/28/2018								<0.0025
10/2/2018						<0.0025		
10/3/2018			<0.0025	<0.0025	<0.0025		<0.0025	
2/25/2019	<0.0025	<0.0025						
2/26/2019			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/1/2019	<0.0025	<0.0025						
4/2/2019			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/16/2019	0.00032 (J)				0.00036 (J)	0.0011		
9/17/2019		0.00019 (J)		<0.0025				<0.0025
9/18/2019			<0.0025				<0.0025	
2/3/2020	<0.0025	<0.0025						
2/4/2020			<0.0025	<0.0025	<0.0025	<0.0025		
2/5/2020							0.00041 (J)	<0.0025
3/16/2020	0.00071 (J)	0.00076 (J)						
3/17/2020			0.00021 (J)	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/21/2020		<0.0025	<0.0025	<0.0025				
9/22/2020	<0.0025				<0.0025	<0.0025	<0.0025	<0.0025
2/2/2021	<0.0025	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025
2/3/2021					<0.0025	<0.0025		
3/10/2021		0.00065 (J)	0.00019 (J)	<0.0025	<0.0025		<0.0025	<0.0025
3/11/2021	0.00029 (J)					<0.0025		
8/23/2021		<0.0025						
8/24/2021	<0.0025			<0.0025	<0.0025	<0.0025	<0.0025	
8/25/2021			<0.0025					<0.0025
2/28/2022				<0.0025				
3/1/2022	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025		
3/3/2022							<0.0025	<0.0025
8/15/2022	<0.0025	<0.0025			<0.0025	<0.0025		

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/11/2025 1:44 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)
8/16/2022			<0.0025	<0.0025			<0.0025	<0.0025
2/14/2023	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025
2/15/2023				<0.0025				
8/14/2023	<0.0025	<0.0025						
8/15/2023			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/13/2024	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025
2/16/2024					<0.0025			
7/30/2024	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025
2/10/2025	<0.0025	<0.0025	<0.0025					
2/11/2025				<0.0025		<0.0025	<0.0025	<0.0025

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
5/18/2016			<0.0025					<0.0025
5/19/2016	0.00102 (J)	<0.0025		<0.0025	<0.0025	<0.0025		
7/19/2016								<0.0025
7/20/2016	0.0014 (J)	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		
9/14/2016		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
9/15/2016	0.00093 (J)							
11/10/2016						<0.0025		<0.0025
11/11/2016			<0.0025	<0.0025	<0.0025			
11/14/2016	0.0014 (J)							
1/24/2017								<0.0025
1/27/2017				<0.0025	<0.0025	<0.0025		
2/6/2017	0.0017 (J)		<0.0025					
2/8/2017							<0.0025	
2/9/2017		0.00041 (J)						
2/23/2017							<0.0025	
3/14/2017								<0.0025
3/15/2017	0.0016 (J)	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		
3/17/2017							<0.0025	
4/11/2017		<0.0025					<0.0025	
4/25/2017								<0.0025
4/26/2017	0.0017 (J)	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
5/17/2017							<0.0025	
6/7/2017							<0.0025	
7/11/2017							<0.0025	
8/9/2017						<0.0025		<0.0025
8/10/2017	0.0017 (J)	0.00034 (J)	<0.0025	<0.0025	<0.0025			
3/29/2018	0.0018 (J)	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	
3/30/2018			<0.0025					<0.0025
6/14/2018	0.0015 (J)	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
10/3/2018								<0.0025
10/4/2018	0.0019 (J)	0.00036 (J)	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
2/27/2019	0.0021 (J)		<0.0025	<0.0025	<0.0025	<0.0025	0.00017 (J)	<0.0025
2/28/2019		0.00031 (J)						
4/3/2019	0.0019 (J)	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	
4/4/2019			<0.0025					<0.0025
9/18/2019						<0.0025	0.00032 (J)	<0.0025
9/19/2019	0.0019	0.00041 (J)	<0.0025	<0.0025	<0.0025			
2/5/2020		0.0004 (J)	<0.0025	<0.0025	<0.0025	<0.0025	0.00024 (J)	
2/7/2020	0.0023							<0.0025
3/18/2020			<0.0025	<0.0025	<0.0025			<0.0025
3/19/2020	0.0028	0.00056 (J)				<0.0025	0.00025 (J)	
9/22/2020	0.0025							
9/23/2020		0.00034 (J)	<0.0025		<0.0025			<0.0025
9/24/2020				<0.0025		<0.0025	0.00024 (J)	
2/3/2021	0.0025			<0.0025	<0.0025			
2/4/2021		0.00039 (J)	<0.0025			<0.0025	0.00026 (J)	<0.0025
3/11/2021	0.0022 (J)		<0.0025			<0.0025	<0.0025	
3/12/2021		0.00034 (J)		<0.0025	<0.0025			<0.0025
8/25/2021				<0.0025	<0.0025	<0.0025	<0.0025	
8/26/2021	0.002 (J)	0.00038 (J)	<0.0025					<0.0025
3/3/2022	0.0027	0.00036 (J)	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025
3/4/2022					<0.0025			

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
8/16/2022	0.0018 (J)			<0.0025				
8/17/2022		0.00033 (J)						<0.0025
8/18/2022					<0.0025	<0.0025		
8/19/2022			<0.0025				<0.0025	
2/15/2023		0.00044 (J)						<0.0025
2/16/2023	0.0025		<0.0025	<0.0025	<0.0025	<0.0025	0.00031 (J)	
8/15/2023	0.0024 (J)							
8/16/2023		0.0004 (J)		<0.0025	<0.0025	<0.0025	0.00023 (J)	<0.0025
8/17/2023			<0.0025					
2/13/2024	0.0027							
2/14/2024		0.00037 (J)			<0.0025			
2/15/2024			<0.0025			<0.0025	0.00026 (J)	<0.0025
2/16/2024				<0.0025				
7/31/2024			<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
8/1/2024	0.0023 (J)	0.0004 (J)						
8/2/2024							0.00025 (J)	
2/11/2025	0.0027	0.00035 (J)		<0.0025	<0.0025			
2/12/2025						<0.0025	0.00027 (J)	
2/13/2025			<0.0025					<0.0025

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
5/18/2016	<0.0025	<0.0025						
7/19/2016	<0.0025							
7/20/2016		<0.0025						
9/14/2016	<0.0025	<0.0025						
11/10/2016	<0.0025	<0.0025						
11/11/2016			<0.0025					
1/20/2017		<0.0025						
1/24/2017	<0.0025							
2/6/2017			<0.0025					
3/14/2017		<0.0025						
3/15/2017	<0.0025		<0.0025					
4/11/2017			<0.0025					
4/25/2017	<0.0025	<0.0025						
4/26/2017			<0.0025					
6/7/2017			<0.0025					
7/11/2017			<0.0025					
8/9/2017	<0.0025	<0.0025						
8/10/2017			<0.0025					
3/29/2018	<0.0025		<0.0025					
3/30/2018		<0.0025						
6/14/2018	<0.0025	<0.0025	<0.0025					
10/4/2018	<0.0025	<0.0025	<0.0025					
2/26/2019		<0.0025						
2/27/2019	0.00022 (J)							
2/28/2019			<0.0025					
4/2/2019			<0.0025					
4/4/2019	<0.0025	<0.0025						
9/18/2019	<0.0025	<0.0025	<0.0025					
2/7/2020	<0.0025	<0.0025	<0.0025					
3/18/2020	<0.0025	<0.0025						
5/4/2020			<0.0025					
9/23/2020	<0.0025	<0.0025	<0.0025					
2/3/2021			<0.0025					
2/4/2021	<0.0025	<0.0025						
3/11/2021	<0.0025	<0.0025	<0.0025					
8/25/2021	<0.0025	<0.0025						
8/26/2021			<0.0025	0.0081	<0.0025	0.00053 (J)	0.00089 (J)	0.014
1/11/2022					<0.0025	0.00057 (J)	0.0012 (J)	0.014
1/12/2022				0.012				
3/3/2022	<0.0025		<0.0025		<0.0025			0.01
3/4/2022		<0.0025		0.01		0.00066 (J)	0.00097 (J)	
6/6/2022					<0.0025		0.0011 (J)	0.0062
6/7/2022				0.0089		0.00055 (J)		
8/16/2022		<0.0025			0.00022 (J)			
8/17/2022	<0.0025		<0.0025				0.00078 (J)	
8/18/2022				0.0081				0.0044
8/19/2022						0.00063 (J)		
2/15/2023	<0.0025					0.00067 (J)	0.0012 (J)	0.0099
2/16/2023		<0.0025	<0.0025	0.011	<0.0025			
8/11/2023				0.0099				
8/15/2023	<0.0025							
8/16/2023		<0.0025	<0.0025					

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
8/17/2023					0.00021 (J)	0.0006 (J)	0.0013 (J)	0.0049
2/13/2024				0.012				
2/14/2024						0.00044 (J)		0.0065
2/15/2024	<0.0025	<0.0025	<0.0025		0.00021 (J)		0.0013 (J)	
7/30/2024	<0.0025							
7/31/2024		<0.0025	<0.0025	0.011			0.0012 (J)	0.0042
8/1/2024					0.00025 (J)			
8/2/2024						0.00064 (J)		
2/11/2025		<0.0025						
2/12/2025	<0.0025			0.011		0.00061 (J)		
2/13/2025			<0.0025		0.00033 (J)		0.0016 (J)	0.0055

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-27	WGWC-28D	WAMW-1	WAMW-2	PZ-26D
10/16/2018					<0.0025	
10/18/2018				<0.0025		
8/26/2021	0.00028 (J)					
1/11/2022	0.0002 (J)					
3/4/2022	<0.0025					
6/7/2022	0.0003 (J)					
8/17/2022	0.00022 (J)					
10/19/2022		0.00054 (J)				
2/15/2023	0.00026 (J)					
2/16/2023		0.00046 (J)				
8/11/2023		0.00052 (J)				
8/15/2023	<0.0025					
8/17/2023						<0.0025
9/26/2023			0.00073 (J)			
2/14/2024			0.0019 (J)			
2/15/2024	<0.0025	0.0012 (J)				<0.0025
7/31/2024	<0.0025					
8/1/2024		0.0013 (J)	0.0017 (J)			<0.0025
2/12/2025	<0.0025	0.0011 (J)	0.002 (J)	<0.0025	<0.0025	
2/13/2025						<0.0025

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

Time Series

Constituent: Boron (mg/L) Analysis Run 4/11/2025 1:44 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)
5/17/2016	<0.08	<0.08						<0.08
5/18/2016			<0.08	<0.08	<0.08	<0.08	<0.08	
7/19/2016	<0.08	<0.08			<0.08	<0.08	<0.08	<0.08
7/20/2016			<0.08	<0.08				
9/13/2016	<0.08	<0.08	<0.08	<0.08		<0.08	<0.08	<0.08
9/14/2016					<0.08			
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
3/13/2017	<0.08	<0.08						
3/14/2017			<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
4/24/2017	<0.08	<0.08						
4/25/2017			<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
8/8/2017	<0.08	<0.08	<0.08			<0.08	<0.08	<0.08
8/9/2017				<0.08	<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
6/13/2018	<0.08				<0.08	<0.08		<0.08
6/14/2018		<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	
4/1/2019	<0.08	<0.08						
4/2/2019			<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
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	
3/16/2020	<0.08	0.048 (J)						
3/17/2020			<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
9/21/2020		<0.08	<0.08	<0.08				
9/22/2020	<0.08				<0.08	<0.08	<0.08	<0.08
3/10/2021		0.039 (J)	<0.08	<0.08	<0.08		<0.08	<0.08
3/11/2021	<0.08					<0.08		
8/23/2021		<0.08						
8/24/2021	<0.08			<0.08	<0.08	<0.08	<0.08	
8/25/2021			<0.08					0.1
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
8/15/2022	<0.08	0.066 (J)			<0.08	<0.08		
8/16/2022			<0.08	<0.08			<0.08	<0.08
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				
8/14/2023	<0.08	<0.08						
8/15/2023			<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
2/13/2024	<0.08	<0.08	<0.08	<0.08		<0.08	<0.08	<0.08
2/16/2024					<0.08			

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

Time Series

Constituent: Boron (mg/L) Analysis Run 4/11/2025 1:44 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)
7/30/2024	<0.08	<0.08	<0.08	<0.08		<0.08	<0.08	<0.08
2/10/2025	<0.08	<0.08	<0.08					
2/11/2025				<0.08		<0.08	<0.08	<0.08

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

Time Series

Constituent: Boron (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
5/18/2016			<0.08					<0.08
5/19/2016	1.42	0.314		<0.08	<0.08	0.0252 (J)		
7/19/2016								<0.08
7/20/2016	1.4	0.25	<0.08	<0.08	<0.08	<0.08		
9/14/2016		0.3	<0.08	<0.08	<0.08	<0.08		<0.08
9/15/2016	1.2							
11/10/2016						<0.08		<0.08
11/11/2016			<0.08	<0.08	<0.08			
11/14/2016	1.3							
1/24/2017								<0.08
1/27/2017				0.021 (J)	0.047 (J)	0.033 (J)		
2/6/2017	1.8		<0.08					
2/8/2017							<0.08	
2/9/2017		0.61						
2/23/2017							<0.08	
3/14/2017								<0.08
3/15/2017	1.7	0.42	0.032 (J)	0.058	0.024 (J)	<0.08		
3/17/2017							<0.08	
4/11/2017		0.37					<0.08	
4/25/2017								<0.08
4/26/2017	2	0.38	<0.08	<0.08	<0.08	<0.08	<0.08	
5/17/2017							<0.08	
6/7/2017							<0.08	
7/11/2017							<0.08	
8/9/2017						<0.08		<0.08
8/10/2017	1.8	0.29	<0.08	<0.08	<0.08			
10/11/2017							<0.08	<0.08
10/12/2017	1.8	0.36	<0.08	<0.08	<0.08	<0.08		
6/14/2018	1.7	0.39	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
10/3/2018								<0.08
10/4/2018	1.9	0.37	<0.08	<0.08	<0.08	<0.08	<0.08	
4/3/2019	1.7	0.35		<0.08	<0.08	<0.08	<0.08	
4/4/2019			0.024 (J)					<0.08
9/18/2019						<0.08	<0.08	<0.08
9/19/2019	1.7	0.39	<0.08	<0.08	<0.08			
3/18/2020			0.049 (J)	<0.08	0.039 (J)			0.071 (J)
3/19/2020	2.2	0.55				0.053 (J)	0.039 (J)	
9/22/2020	2.5							
9/23/2020		0.68	<0.08		<0.08			<0.08
9/24/2020				<0.08		<0.08	<0.08	
3/11/2021	2.4		<0.08			<0.08	<0.08	
3/12/2021		0.64		<0.08	<0.08			<0.08
8/25/2021				<0.08	<0.08	0.063 (J)	0.043 (J)	
8/26/2021	2.4	0.56	<0.08					<0.08
3/3/2022	2.7	0.62	<0.08	<0.08		<0.08	<0.08	<0.08
3/4/2022					<0.08			
8/16/2022	2.3			<0.08				
8/17/2022		0.55						<0.08
8/18/2022					<0.08	<0.08		
8/19/2022			<0.08				<0.08	
2/15/2023		0.69						<0.08
2/16/2023	2.8		0.04 (J)	<0.08	0.024 (J)	0.033 (J)	0.03 (J)	

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

Time Series

Constituent: Boron (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
8/15/2023	2.8							
8/16/2023		0.6		<0.08	<0.08	<0.08	<0.08	<0.08
8/17/2023			0.031 (J)					
2/13/2024	3							
2/14/2024		0.56			<0.08			
2/15/2024			<0.08			<0.08	<0.08	<0.08
2/16/2024				<0.08				
7/31/2024			<0.08	<0.08	0.025 (J)	<0.08		<0.08
8/1/2024	2.8	0.61						
8/2/2024							<0.08	
2/11/2025	3.6	0.58		<0.08	<0.08			
2/12/2025						<0.08	0.027 (J)	
2/13/2025			<0.08					<0.08

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

Time Series

Constituent: Boron (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
5/18/2016	4.48	<0.08						
7/19/2016	4.7							
7/20/2016		<0.08						
9/14/2016	5.8	<0.08						
11/10/2016	6.7	<0.08						
11/11/2016			<0.08					
1/20/2017		<0.08						
1/24/2017	6.3							
2/6/2017			<0.08					
3/14/2017		<0.08						
3/15/2017	5.9		0.034 (J)					
4/11/2017			<0.08					
4/25/2017	6.2	<0.08						
4/26/2017			<0.08					
6/7/2017			<0.08					
7/11/2017			<0.08					
8/9/2017	6.3	<0.08						
8/10/2017			<0.08					
10/11/2017	6.8	<0.08						
10/12/2017			<0.08					
6/14/2018	5.4	<0.08	<0.08					
10/4/2018	5.5	<0.08	<0.08					
4/2/2019			<0.08					
4/4/2019	3.2	0.049 (J)						
9/18/2019	2.1	<0.08	<0.08					
3/18/2020	2	0.049 (J)						
5/4/2020			<0.08					
9/23/2020	1.5	<0.08	<0.08					
3/8/2021				1.3				
3/9/2021					0.19	0.33	0.073 (J)	1.8
3/11/2021	1.1	<0.08	<0.08					
4/7/2021					0.13		<0.08	1.9
4/8/2021				0.98		0.21		
8/25/2021	0.89	<0.08						
8/26/2021			<0.08	2.1	0.087	0.36	0.052 (J)	2.1
1/11/2022					0.12	0.39	0.048 (J)	1.7
1/12/2022				4.9				
3/3/2022	0.79		<0.08		0.12			1.6
3/4/2022		<0.08		4.3		0.41	<0.08	
6/6/2022					0.13		<0.08	0.64
6/7/2022				2.8		0.39		
8/16/2022		<0.08			0.099			
8/17/2022	0.73		<0.08				<0.08	
8/18/2022				2.2				0.44
8/19/2022						0.33		
2/15/2023	0.86					0.39	0.049 (J)	1.4
2/16/2023		<0.08	<0.08	3.5	0.14			
8/11/2023				3.1				
8/15/2023	0.81							
8/16/2023		<0.08	<0.08					
8/17/2023					0.12	0.33	<0.08	0.59
2/13/2024				5.6				

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

Time Series

Constituent: Boron (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
2/14/2024						0.33		1
2/15/2024	0.74	0.027 (J)	<0.08		0.14		<0.08	
7/30/2024	0.66							
7/31/2024		0.055 (J)	<0.08	5.7			0.076 (J)	0.54
8/1/2024					0.11			
8/2/2024						0.31		
2/11/2025		<0.08						
2/12/2025	0.56			7.4		0.32		
2/13/2025			<0.08		0.12		0.024 (J)	0.94

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

Time Series

Constituent: Boron (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-27	WGWC-28D	WAMW-1	WAMW-2	PZ-26D
10/16/2018					<0.08	
10/18/2018				<0.08		
3/8/2021	0.48					
3/9/2021						0.22
4/7/2021						0.15
4/8/2021	0.43					
8/26/2021	0.7					
1/11/2022	0.87					
3/4/2022	0.72					
6/7/2022	0.78					
8/17/2022	0.82					
10/19/2022		0.098				
2/15/2023	0.89					
2/16/2023		0.22				
8/11/2023		0.35				
8/15/2023	0.57					
8/17/2023						0.08
9/26/2023			4.4			
11/7/2023			4.4			
2/14/2024			9.3			
2/15/2024	0.29	0.26				0.072 (J)
7/31/2024	0.76					
8/1/2024		0.22	8.5			0.077 (J)
12/9/2024					<0.08	
1/8/2025				<0.08		
2/12/2025	0.36	0.19	9.9	0.58	<0.08	
2/13/2025						0.078 (J)

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/11/2025 1:44 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)
5/17/2016	<0.0025	<0.0025						<0.0025
5/18/2016			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
7/19/2016	<0.0025	<0.0025			<0.0025	<0.0025	<0.0025	<0.0025
7/20/2016			<0.0025	<0.0025				
9/13/2016	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025
9/14/2016					<0.0025			
11/9/2016	<0.0025	<0.0025				<0.0025		<0.0025
11/10/2016			<0.0025	<0.0025			<0.0025	
1/17/2017	<0.0025	<0.0025						
1/18/2017			<0.0025	<0.0025		<0.0025	<0.0025	
1/19/2017					<0.0025			<0.0025
3/13/2017	<0.0025	<0.0025						
3/14/2017			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/24/2017	<0.0025	<0.0025						
4/25/2017			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/8/2017	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025	<0.0025
8/9/2017				<0.0025	<0.0025			
8/25/2017					<0.0025			
3/27/2018	<0.0025	<0.0025						
3/28/2018			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
6/13/2018	<0.0025				<0.0025	<0.0025		<0.0025
6/14/2018		<0.0025	<0.0025	<0.0025			<0.0025	
9/24/2018		<0.0025						
9/27/2018	<0.0025							
9/28/2018								<0.0025
10/2/2018						<0.0025		
10/3/2018			<0.0025	<0.0025	<0.0025		<0.0025	
2/25/2019	<0.0025	<0.0025						
2/26/2019			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/1/2019	<0.0025	<0.0025						
4/2/2019			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/16/2019	<0.0025				<0.0025	<0.0025		
9/17/2019		<0.0025		<0.0025				<0.0025
9/18/2019			<0.0025				<0.0025	
2/3/2020	<0.0025	<0.0025						
2/4/2020			<0.0025	<0.0025	<0.0025	<0.0025		
2/5/2020							<0.0025	<0.0025
3/16/2020	<0.0025	<0.0025						
3/17/2020			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/21/2020		<0.0025	<0.0025	<0.0025				
9/22/2020	<0.0025				<0.0025	<0.0025	<0.0025	<0.0025
2/2/2021	<0.0025	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025
2/3/2021					<0.0025	<0.0025		
2/28/2022				<0.0025				
3/1/2022	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025		
3/3/2022							<0.0025	<0.0025
8/15/2022	<0.0025	<0.0025			<0.0025	<0.0025		
8/16/2022			<0.0025	<0.0025			<0.0025	<0.0025
2/14/2023	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025
2/15/2023				<0.0025				
8/14/2023	<0.0025	<0.0025						
8/15/2023			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/11/2025 1:44 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)
2/13/2024	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025
2/16/2024					<0.0025			
7/30/2024	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025
2/10/2025	<0.0025	<0.0025	<0.0025					
2/11/2025				<0.0025		<0.0025	<0.0025	<0.0025

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
5/18/2016			<0.0025					<0.0025
5/19/2016	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025		
7/19/2016								<0.0025
7/20/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		
9/14/2016		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
9/15/2016	<0.0025							
11/10/2016						<0.0025		<0.0025
11/11/2016			<0.0025	<0.0025	<0.0025			
11/14/2016	<0.0025							
1/24/2017								<0.0025
1/27/2017				<0.0025	<0.0025	<0.0025		
2/6/2017	<0.0025		<0.0025					
2/8/2017							<0.0025	
2/9/2017		<0.0025						
2/23/2017							<0.0025	
3/14/2017								<0.0025
3/15/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		
3/17/2017							<0.0025	
4/11/2017		<0.0025					<0.0025	
4/25/2017								<0.0025
4/26/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
5/17/2017							<0.0025	
6/7/2017							<0.0025	
7/11/2017							<0.0025	
8/9/2017						<0.0025		<0.0025
8/10/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025			
3/29/2018	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	
3/30/2018			<0.0025					<0.0025
6/14/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
10/3/2018								<0.0025
10/4/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
2/27/2019	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/28/2019		<0.0025						
4/3/2019	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	
4/4/2019			<0.0025					<0.0025
9/18/2019						<0.0025	<0.0025	<0.0025
9/19/2019	<0.0025	<0.0025	0.00021 (J)	<0.0025	<0.0025			
2/5/2020		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
2/7/2020	<0.0025							<0.0025
3/18/2020			<0.0025	<0.0025	<0.0025			<0.0025
3/19/2020	<0.0025	<0.0025				<0.0025	<0.0025	
9/22/2020	<0.0025							
9/23/2020		<0.0025	<0.0025		<0.0025			<0.0025
9/24/2020				<0.0025		<0.0025	<0.0025	
2/3/2021	<0.0025			<0.0025	<0.0025			
2/4/2021		<0.0025	<0.0025			<0.0025	<0.0025	<0.0025
3/3/2022	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025
3/4/2022					<0.0025			
8/16/2022	<0.0025			<0.0025				
8/17/2022		<0.0025						<0.0025
8/18/2022					<0.0025	<0.0025		
8/19/2022			<0.0025				<0.0025	

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
2/15/2023		<0.0025						<0.0025
2/16/2023	0.00065 (J)		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
8/15/2023	0.00013 (J)							
8/16/2023		<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/17/2023			<0.0025					
2/13/2024	0.00041 (J)							
2/14/2024		<0.0025			<0.0025			
2/15/2024			<0.0025			<0.0025	<0.0025	<0.0025
2/16/2024				<0.0025				
7/31/2024			<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
8/1/2024	9.5E-05 (J)	<0.0025						
8/2/2024							<0.0025	
2/11/2025	<0.0025	<0.0025		<0.0025	<0.0025			
2/12/2025						<0.0025	<0.0025	
2/13/2025			<0.0025					<0.0025

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
5/18/2016	0.000362 (J)	<0.0025						
7/19/2016	<0.0025							
7/20/2016		<0.0025						
9/14/2016	0.00037 (J)	<0.0025						
11/10/2016	<0.0025	<0.0025						
11/11/2016			<0.0025					
1/20/2017		<0.0025						
1/24/2017	0.00055 (J)							
2/6/2017			<0.0025					
3/14/2017		<0.0025						
3/15/2017	0.00067 (J)		<0.0025					
4/11/2017			<0.0025					
4/25/2017	0.00058 (J)	<0.0025						
4/26/2017			<0.0025					
6/7/2017			<0.0025					
7/11/2017			<0.0025					
8/9/2017	0.00054 (J)	<0.0025						
8/10/2017			<0.0025					
3/29/2018	0.00082 (J)		<0.0025					
3/30/2018		<0.0025						
6/14/2018	0.0007 (J)	<0.0025	<0.0025					
10/4/2018	0.00065 (J)	<0.0025	<0.0025					
2/26/2019		<0.0025						
2/27/2019	0.00055 (J)							
2/28/2019			<0.0025					
4/2/2019			<0.0025					
4/4/2019	0.00047 (J)	<0.0025						
9/18/2019	0.00017 (J)	<0.0025	<0.0025					
2/7/2020	<0.0025	<0.0025	<0.0025					
3/18/2020	0.00022 (J)	<0.0025						
5/4/2020			<0.0025					
9/23/2020	<0.0025	<0.0025	<0.0025					
2/3/2021			<0.0025					
2/4/2021	<0.0025	<0.0025						
8/26/2021				<0.0025	<0.0025	<0.0025	<0.0025	0.00061 (J)
1/11/2022					<0.0025	<0.0025	<0.0025	0.0004 (J)
1/12/2022				0.00026 (J)				
3/3/2022	<0.0025		<0.0025		<0.0025			0.0003 (J)
3/4/2022		<0.0025		<0.0025		0.00025 (J)	<0.0025	
6/6/2022					<0.0025		<0.0025	0.0003 (J)
6/7/2022				<0.0025		<0.0025		
8/16/2022		<0.0025			<0.0025			
8/17/2022	<0.0025		<0.0025				<0.0025	
8/18/2022				<0.0025				0.00015 (J)
8/19/2022						9E-05 (J)		
2/15/2023	8.5E-05 (J)					0.00028 (J)	<0.0025	0.00057 (J)
2/16/2023		<0.0025	<0.0025	0.00057 (J)	<0.0025			
8/11/2023				0.00019 (J)				
8/15/2023	<0.0025							
8/16/2023		<0.0025	<0.0025					
8/17/2023					<0.0025	<0.0025	<0.0025	9.5E-05 (J)
2/13/2024				0.00042 (J)				

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
2/14/2024						0.00013 (J)		0.00023 (J)
2/15/2024	<0.0025	<0.0025	<0.0025		<0.0025		<0.0025	
7/30/2024	<0.0025							
7/31/2024		<0.0025	<0.0025	0.00022 (J)			<0.0025	0.0001 (J)
8/1/2024					<0.0025			
8/2/2024						<0.0025		
2/11/2025		<0.0025						
2/12/2025	<0.0025			0.00045 (J)		0.00011 (J)		
2/13/2025			<0.0025		<0.0025		<0.0025	0.00018 (J)

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-27	WGWC-28D	WAMW-1	WAMW-2	PZ-26D
10/16/2018					<0.0025	
10/18/2018				<0.0025		
8/26/2021	<0.0025					
1/11/2022	<0.0025					
3/4/2022	<0.0025					
6/7/2022	<0.0025					
8/17/2022	0.00012 (J)					
10/19/2022		<0.0025				
2/15/2023	0.0001 (J)					
2/16/2023		8E-05 (J)				
8/11/2023		<0.0025				
8/15/2023	<0.0025					
8/17/2023						<0.0025
9/26/2023			<0.0025			
2/14/2024			<0.0025			
2/15/2024	<0.0025	<0.0025				<0.0025
7/31/2024	<0.0025					
8/1/2024		<0.0025	<0.0025			<0.0025
2/12/2025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
2/13/2025						<0.0025

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

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/11/2025 1:44 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)
5/17/2016	0.927	12.2						23.7
5/18/2016			2.1	17.9	1.7	27	1.36	
7/19/2016	1	13			1.5	23	0.88	23
7/20/2016			1.7	15				
9/13/2016	0.44	13	1.3	16		25	0.93	23
9/14/2016					52			
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
3/13/2017	1.1	14						
3/14/2017			1.8	17	1.6	20	1.3	13
4/24/2017	1.1	12						
4/25/2017			2	17	1.5	28	1.9	23
8/8/2017	1.1	18	2			26	4.8	24
8/9/2017				15	1.3			
8/25/2017					1.5			
10/10/2017	1.2	21						
10/11/2017			2.1	17	1.5	29	0.93	23
3/27/2018	1.2	15						
3/28/2018			1.8	15	1.1	26	0.9	24
6/13/2018	1.1				1.2	25		11
6/14/2018		12	2	15			0.94	
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	
4/1/2019	1	12						
4/2/2019			1.8	15	1.1	25	1.1	20
9/16/2019	1.3				36	25		
9/17/2019		13		16				10
9/18/2019			1.6				1.5	
3/16/2020	1.1	10						
3/17/2020			1.7	15	1.4	26	0.82	10
9/21/2020		13	1.8	16				
9/22/2020	1.2				58	25	0.89	19
3/10/2021		11	1.9	16	1.3		0.89	7.7
3/11/2021	1.3					26		
8/23/2021		13						
8/24/2021	1.2			15	47	26	1.7	
8/25/2021			1.7					16
2/28/2022				14				
3/1/2022	1.1	13	1.6		2.1	22		
3/3/2022							1.4	6.1
8/15/2022	1.2	12			51	24		
8/16/2022			1.8	16			0.94	8.8
2/14/2023	1.4	12	2		1.3	29	1.3	5.7
2/15/2023				18				
8/14/2023	1.5	14						
8/15/2023			1.9	17	26	27	1.8	8.3

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/11/2025 1:44 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)
2/13/2024	1.3	12	1.7	17		27	11	4.6
2/16/2024					0.92			
7/30/2024	1.4	16	1.9	18		29	1.6	15
2/10/2025	1.4	16	1.8					
2/11/2025				17		27	8.7	4.4

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
5/18/2016			7.17					32.5
5/19/2016	31.4	8.53		1.95	15.8	11.4		
7/19/2016								30
7/20/2016	28	8.2	7	1.5	14	7.1		
9/14/2016		8.8	7.7	1.8	16	7.4		37
9/15/2016	27							
11/10/2016						6.4		29
11/11/2016			8.2	1.7	15			
11/14/2016	32							
1/24/2017								28
1/27/2017				3.5	16	6.2		
2/6/2017	41		9.1					
2/8/2017							3.2	
2/9/2017		10						
2/23/2017							4.1	
3/14/2017								29
3/15/2017	38	8.6	9	3.8	16	6.7		
3/17/2017							2.4	
4/11/2017		8.6					4.1	
4/25/2017								32
4/26/2017	39	7.1	8.1	4	3	6.5	2.5	
5/17/2017							5.2	
6/7/2017							5.2	
7/11/2017							2.3	
8/9/2017						7		30
8/10/2017	53	7.5	8.1	3.5	15			
10/11/2017							3.8	31
10/12/2017	60	8.2	8.6	2.7	16	7		
3/29/2018	61	7.6		3.9	14	7	1.2	
3/30/2018			9					31
6/14/2018	52	7.5	7.7	2.2	13	5.5	1.1	29
10/3/2018								31
10/4/2018	65	8	8.5	2	15	5.9	2	
4/3/2019	61	7.2		1.7	14	4.7	0.84	
4/4/2019			7.9					30
9/18/2019						4.9	0.85	31
9/19/2019	57	8.1	7.5	1.4	14			
3/18/2020			7.5	1.6	14			30
3/19/2020	79	9.3				5	0.89	
9/22/2020	81							
9/23/2020		10	7.7		13			32
9/24/2020				5.2		1.4	0.99	
3/11/2021	83		7.9			4	0.79	
3/12/2021		11		1.6	15			31
8/25/2021				1.5	14	4	0.7	
8/26/2021	85	9.3	7.6					31
3/3/2022	88	8.6	7.1	1.3		3.4	0.65	28
3/4/2022					12			
8/16/2022	83			1.6				
8/17/2022		9						29
8/18/2022					13	3.5		
8/19/2022			7.3				0.64	

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
2/15/2023		11						31
2/16/2023	92		6.9	1.7	12	3.8	0.69	
8/15/2023	96							
8/16/2023		11		1.7	15	4.1	0.7	32
8/17/2023			8					
2/13/2024	91							
2/14/2024		9.1			13			
2/15/2024			7.7			3.7	0.66	31
2/16/2024				1.6				
7/31/2024			8	1.8	14	3.8		32
8/1/2024	90	10						
8/2/2024							0.68	
2/11/2025	99	9.6		1.7	14			
2/12/2025						3.8	0.77	
2/13/2025			8					30

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
5/18/2016	168	8.24						
7/19/2016	190							
7/20/2016		11						
9/14/2016	230	12						
11/10/2016	240	11						
11/11/2016			12					
1/20/2017		10						
1/24/2017	280							
2/6/2017			11					
3/14/2017		8.8						
3/15/2017	260		10					
4/11/2017			11					
4/25/2017	300	12						
4/26/2017			8.4					
6/7/2017			9					
7/11/2017			9.5					
8/9/2017	350	11						
8/10/2017			8.8					
10/11/2017	360	10						
10/12/2017			9.5					
3/29/2018	330		10					
3/30/2018		7.2						
6/14/2018	260	6.2	8.9					
10/4/2018	250	6.4	10					
4/2/2019			11					
4/4/2019	110	5.6						
9/18/2019	62	5.5	8.8					
3/18/2020	66	6.3						
5/4/2020			15					
9/23/2020	43	5.9	13					
3/8/2021				90				
3/9/2021					66	15	3.2	65
3/11/2021	32	5.7	15					
4/7/2021					67		2.7	71
4/8/2021				88		14		
8/25/2021	27	6						
8/26/2021			10	120	51	24	4.6	69
1/11/2022					57	32	3.1	51
1/12/2022				220				
3/3/2022	24		12		54			42
3/4/2022		5.3		200		31	4	
6/6/2022					58		4.5	22
6/7/2022				140		19		
8/16/2022		5.6			55			
8/17/2022	20		9.8				4.6	
8/18/2022				110				16
8/19/2022						18		
2/15/2023	26					26	2.4	39
2/16/2023		6	13	190	68			
8/11/2023				150				
8/15/2023	23							
8/16/2023		6.3	14					

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
8/17/2023					63	16	4.2	18
2/13/2024				210				
2/14/2024						21		24
2/15/2024	20	6.2	14		73		2.5	
7/30/2024	20							
7/31/2024		6.8	12	220			4.2	14
8/1/2024					69			
8/2/2024						14		
2/11/2025		5.8						
2/12/2025	15			230		13		
2/13/2025			13		64		4.4	20

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-27	WGWC-28D	WAMW-1	WAMW-2	PZ-26D
10/16/2018					18	
10/18/2018				19		
3/8/2021	14					
3/9/2021						17
4/7/2021						18
4/8/2021	16					
8/26/2021	16					
1/11/2022	16					
3/4/2022	16					
6/7/2022	15					
8/17/2022	15					
10/19/2022		5.9				
2/15/2023	18					
2/16/2023		19				
8/11/2023		25				
8/15/2023	28					
8/17/2023						16
9/26/2023			270			
11/7/2023			310			
2/14/2024			390			
2/15/2024	29	22				15
7/31/2024	29					
8/1/2024		20	350			18
12/9/2024					21	
1/8/2025				22		
2/12/2025	31	16	340	16	25	
2/13/2025						13

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/11/2025 1:44 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)
5/17/2016	3.8	2.5						6.05
5/18/2016			1.92	1.45	2.14	1.58	2.06	
7/19/2016	3.9	2.6			2.4	1.6	2.1	4
7/20/2016			1.8	1.4				
9/13/2016	3.6	2.4	1.7	1.4		1.4	2	3.1
9/14/2016					2.1			
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
3/13/2017	3.4	2.2						
3/14/2017			1.6	1.2	2	2.5	1.8	1.9
4/24/2017	3.4	2.2						
4/25/2017			1.6	1.2	1.8	1.3	1.8	1.9
8/8/2017	3.6	2.3	1.7			1.4	1.9	2
8/9/2017				1.2	1.9			
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
3/27/2018	3.6	2.2						
3/28/2018			1.6	1.1	1.4	1.3	1.8	2.2
6/13/2018	3.8				1.7	1.4		2
6/14/2018		2.3	1.6	1.2			1.7	
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	
4/1/2019	4	2.4						
4/2/2019			1.7	1.2	1.7	1.5	1.9	2.6
9/16/2019	4				1.8	1.5		
9/17/2019		2.4		1.2				2
9/18/2019			1.7				2	
3/16/2020	4.3	2.7						
3/17/2020			1.8	1.4	1.6	1.7	2.2	2.3
9/21/2020		2.5	1.5	1.2				
9/22/2020	4				1.5	1.4	1.8	2.1
3/10/2021		2.6	1.8	1.2	1.8		1.9	1.9
3/11/2021	4.5					1.5		
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
2/28/2022				1.2				
3/1/2022	4.1	2.7	1.8		1.5	1.5		
3/3/2022							2.1	2
8/15/2022	4	2.7			1.5	1.5		
8/16/2022			1.6	1.2			1.9	1.9
2/14/2023	3.9	2.6	1.6		1.3	1.5	1.8	1.9
2/15/2023				1.2				
8/14/2023	3.8	2.5						
8/15/2023			1.6	1.2	1.2	1.4	1.7	1.8

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/11/2025 1:44 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)
2/13/2024	3.5	2.4	1.5	1.1		1.4	1.6	1.7
2/16/2024					1.6			
7/30/2024	3.9	2.9	1.8	1.8		1.8	2	2.1
2/10/2025	4.6	3.3	2					
2/11/2025				1.7		1.8	2.4	2.5

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
5/18/2016			1.45					4.59
5/19/2016	17.5	1.46		3.21	3.8	2.26		
7/19/2016								5.9
7/20/2016	19	1.5	1.6	3.4	3.8	1.9		
9/14/2016		1.4	1.5	3.1	3.7	1.6		7.9
9/15/2016	19							
11/10/2016						1.4		6.5
11/11/2016			1.5	3.2	3.5			
11/14/2016	25							
1/24/2017								4.1
1/27/2017				3.4	3.1	1.4		
2/6/2017	33		1.4					
2/8/2017							2.5	
2/9/2017		1.5						
2/23/2017							4.3	
3/14/2017								4.4
3/15/2017	38	1.3	1.4	3.1	3.2	1.4		
3/17/2017							4.8	
4/11/2017		1.2					3.8	
4/25/2017								4
4/26/2017	42	1.2	1.3	3.1	3.2	1.3	4.8	
5/17/2017							3.9	
6/7/2017							3.2	
7/11/2017							4.1	
8/9/2017						1.4		3.6
8/10/2017	48	1.3	1.4	3.1	3.4			
10/11/2017							2.2	5
10/12/2017	60	1.4	1.3	3	3.1	1.2		
3/29/2018	68	1.2		3.1	3.1	1.2	2.5	
3/30/2018			1.3					4.2
6/14/2018	58	1.2	1.3	3	3	1.2	2.8	4.3
10/3/2018								4.8
10/4/2018	300	1.2	1.3	3.1	3.1	1.2	2.2	
4/3/2019	70	2		3.3	3	1.2	2.4	
4/4/2019			1.4					3.7
9/18/2019						1.2	2.2	3.2
9/19/2019	70	1.5	1.5	3.2	3.2			
3/18/2020			1.5	3.2	3.2			1.7
3/19/2020	98	2.1				1.3	1.9	
9/22/2020	100							
9/23/2020		2.4	1.3		2.8			1.5
9/24/2020				1		1.6	3.1	
3/11/2021	110		1.7			1.2	2.6	
3/12/2021		3.4		3.6	3.5			1.6
8/25/2021				3.5	3.7	1.2	2.8	
8/26/2021	110	3.1	1.6					1.4
3/3/2022	130	3.5	1.6	3.6		1	2.4	1.4
3/4/2022					3.2			
8/16/2022	110			3.5				
8/17/2022		3.2						1.2
8/18/2022					3	0.98 (J)		
8/19/2022			1.4				2.1	

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
2/15/2023		3.9						1
2/16/2023	120		1.3	3.3	2.9	0.97 (J)	1.9	
8/15/2023	110							
8/16/2023		3.3		3.3	2.8	0.91 (J)	1.8	0.95 (J)
8/17/2023			1.3					
2/13/2024	88							
2/14/2024		3.2			2.8			
2/15/2024			1.8			1.3	2.5	1.4
2/16/2024				4.3				
7/31/2024			1.7	3.8	3.4	1.2		1.3
8/1/2024	110	4.3						
8/2/2024							2.4	
2/11/2025	120	2		0.45 (J)	3.7			
2/12/2025						1.3	2.4	
2/13/2025			1.5					1.1

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
5/18/2016	217	2.72						
7/19/2016	250							
7/20/2016		1.9						
9/14/2016	260	1.6						
11/10/2016	290	1.6						
11/11/2016			2.6					
1/20/2017		1.5						
1/24/2017	310							
2/6/2017			2.6					
3/14/2017		1.5						
3/15/2017	330		2.4					
4/11/2017			2.3					
4/25/2017	330	1.8						
4/26/2017			2.3					
6/7/2017			2.5					
7/11/2017			2.3					
8/9/2017	330	1.4						
8/10/2017			2.5					
10/11/2017	320	1.5						
10/12/2017			2.3					
3/29/2018	330		2.3					
3/30/2018		1.5						
6/14/2018	290	1.5	2.4					
10/4/2018	290	1.5	2.6					
4/2/2019			2.5					
4/4/2019	170	1.4						
9/18/2019	100	1.5	2.7					
3/18/2020	93	1.5						
5/4/2020			2.8					
9/23/2020	58	1.2	2.6					
3/8/2021				70				
3/9/2021					58	2.9	3.5	110
3/11/2021	49	1.3	2.9					
4/7/2021					50		3.7	110
4/8/2021				57		2.4		
8/25/2021	45	1.6						
8/26/2021			3.3	130	47	4.2	3.3	100
1/11/2022					44	5.1	2.9	60
1/12/2022				350				
3/3/2022	42		3.2		45			50
3/4/2022		1.3		330		5.3	2.9	
6/6/2022					48		3.1	41
6/7/2022				180		4.3		
8/16/2022		1.3			41			
8/17/2022	35		2.8				3.2	
8/18/2022				140				27
8/19/2022						4.2		
2/15/2023	42					4.6	2.9	39
2/16/2023		1.2	2.6	230	51			
8/11/2023				190				
8/15/2023	34							
8/16/2023		1.1	2.5					

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
8/17/2023					47	3.9	2.9	22
2/13/2024				230				
2/14/2024						4.1		22
2/15/2024	32	1.6	3.5		59		3.5	
7/30/2024	26							
7/31/2024		1.6	3.1	270			3.2	14
8/1/2024					48			
8/2/2024						4.4		
2/11/2025		1.9						
2/12/2025	28			380		4.1		
2/13/2025			3.1		48		3.1	19

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-27	WGWC-28D	WAMW-1	WAMW-2	PZ-26D
10/16/2018					2.5	
10/18/2018				2.6		
3/8/2021	74					
3/9/2021						20
4/7/2021						20
4/8/2021	77					
8/26/2021	79					
1/11/2022	75					
3/4/2022	79					
6/7/2022	79					
8/17/2022	77					
10/19/2022		5				
2/15/2023	79					
2/16/2023		22				
8/11/2023		29				
8/15/2023	35					
8/17/2023						14
9/26/2023			540			
11/7/2023			600			
2/14/2024			520			
2/15/2024	12	29				14
7/31/2024	53					
8/1/2024		26	710			14
12/9/2024					2.7	
1/8/2025				3.4		
2/12/2025	24	26	470	32	2.9	
2/13/2025						16

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/11/2025 1:44 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)
5/17/2016	<0.002	<0.002						<0.002
5/18/2016			<0.002	<0.002	<0.002	<0.002	<0.002	
7/19/2016	<0.002	<0.002			<0.002	<0.002	<0.002	<0.002
7/20/2016			<0.002	<0.002				
9/13/2016	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002
9/14/2016					0.0031			
11/9/2016	<0.002	<0.002				<0.002		<0.002
11/10/2016			<0.002	<0.002			<0.002	
1/17/2017	<0.002	<0.002						
1/18/2017			<0.002	<0.002		<0.002	<0.002	
1/19/2017					<0.002			<0.002
3/13/2017	<0.002	<0.002						
3/14/2017			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
4/24/2017	<0.002	<0.002						
4/25/2017			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
8/8/2017	<0.002	<0.002	<0.002			<0.002	<0.002	<0.002
8/9/2017				<0.002	<0.002			
8/25/2017					<0.002			
3/27/2018	<0.002	<0.002						
3/28/2018			<0.002	<0.002	<0.002	<0.002	<0.002	0.0049
6/13/2018	<0.002				<0.002	<0.002		<0.002
6/14/2018		<0.002	<0.002	<0.002			<0.002	
9/24/2018		<0.002						
9/27/2018	<0.002							
9/28/2018								<0.002
10/2/2018						<0.002		
10/3/2018			<0.002	<0.002	<0.002		<0.002	
2/25/2019	0.0016 (J)	<0.002						
2/26/2019			<0.002	0.0021 (J)	<0.002	0.0023 (J)	<0.002	0.0016 (J)
4/1/2019	<0.002	<0.002						
4/2/2019			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
9/16/2019	0.0016 (J)				<0.002	<0.002		
9/17/2019		0.0017 (J)		<0.002				<0.002
9/18/2019			<0.002				<0.002	
2/3/2020	<0.002	<0.002						
2/4/2020			<0.002	<0.002	<0.002	<0.002		
2/5/2020							<0.002	<0.002
3/16/2020	<0.002	<0.002						
3/17/2020			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
9/21/2020		<0.002	<0.002	<0.002				
9/22/2020	<0.002				<0.002	<0.002	<0.002	<0.002
2/2/2021	<0.002	<0.002	<0.002	<0.002			<0.002	<0.002
2/3/2021					<0.002	<0.002		
3/10/2021		<0.002	<0.002	<0.002	<0.002		<0.002	<0.002
3/11/2021	<0.002					<0.002		
8/23/2021		<0.002						
8/24/2021	<0.002			<0.002	<0.002	<0.002	<0.002	
8/25/2021			<0.002					<0.002
2/28/2022				<0.002				
3/1/2022	<0.002	<0.002	<0.002		<0.002	<0.002		
3/3/2022							<0.002	<0.002
8/15/2022	0.0063	<0.002			<0.002	<0.002		

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/11/2025 1:44 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)
8/16/2022			<0.002	<0.002			<0.002	<0.002
2/14/2023	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002
2/15/2023				<0.002				
8/14/2023	0.0012 (J)	<0.002						
8/15/2023			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
2/13/2024	<0.002	<0.002	0.0015 (J)	<0.002		<0.002	0.049 (O)	<0.002
2/16/2024					<0.002			
7/30/2024	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002
2/10/2025	0.0012 (J)	<0.002	<0.002					
2/11/2025				<0.002		<0.002	<0.002	<0.002

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
5/18/2016			<0.002					<0.002
5/19/2016	<0.002	<0.002		<0.002	<0.002	<0.002		
7/19/2016								<0.002
7/20/2016	<0.002	<0.002	0.0012 (J)	<0.002	<0.002	<0.002		
9/14/2016		<0.002	<0.002	<0.002	<0.002	<0.002		<0.002
9/15/2016	<0.002							
11/10/2016						<0.002		<0.002
11/11/2016			0.0015 (J)	<0.002	<0.002			
11/14/2016	<0.002							
1/24/2017								<0.002
1/27/2017				<0.002	<0.002	<0.002		
2/6/2017	<0.002		0.0011 (J)					
2/8/2017							<0.002	
2/9/2017		<0.002						
2/23/2017							<0.002	
3/14/2017								<0.002
3/15/2017	<0.002	<0.002	0.0015 (J)	<0.002	<0.002	<0.002		
3/17/2017							<0.002	
4/11/2017		<0.002					<0.002	
4/25/2017								<0.002
4/26/2017	<0.002	<0.002	0.0013 (J)	0.0011 (J)	<0.002	<0.002	<0.002	
5/17/2017							<0.002	
6/7/2017							<0.002	
7/11/2017							<0.002	
8/9/2017						<0.002		<0.002
8/10/2017	<0.002	<0.002	0.0016 (J)	<0.002	<0.002			
3/29/2018	<0.002	<0.002		0.0012 (J)	<0.002	<0.002	<0.002	
3/30/2018			0.0027					<0.002
6/14/2018	<0.002	<0.002	0.0023 (J)	<0.002	<0.002	<0.002	<0.002	<0.002
10/3/2018								<0.002
10/4/2018	<0.002	<0.002	0.0031	<0.002	<0.002	<0.002	<0.002	
2/27/2019	<0.002		0.0031	0.0021 (J)	<0.002	0.0018 (J)	<0.002	0.0015 (J)
2/28/2019		0.0025						
4/3/2019	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002	
4/4/2019			0.0021 (J)					<0.002
9/18/2019						<0.002	<0.002	<0.002
9/19/2019	<0.002	<0.002	0.0022	<0.002	<0.002			
2/5/2020		<0.002	0.0022	<0.002	<0.002	<0.002	0.0017 (J)	
2/7/2020	<0.002							<0.002
3/18/2020			<0.002	<0.002	<0.002			<0.002
3/19/2020	<0.002	<0.002				<0.002	<0.002	
9/22/2020	<0.002							
9/23/2020		<0.002	0.0018 (J)		<0.002			<0.002
9/24/2020				<0.002		<0.002	<0.002	
2/3/2021	<0.002			<0.002	<0.002			
2/4/2021		<0.002	0.0018 (J)			<0.002	<0.002	<0.002
3/11/2021	<0.002		0.0023			0.0019 (J)	<0.002	
3/12/2021		<0.002		0.0017 (J)	<0.002			<0.002
8/25/2021				<0.002	<0.002	0.0017 (J)	<0.002	
8/26/2021	<0.002	<0.002	0.0024					<0.002
3/3/2022	<0.002	<0.002	0.0023	<0.002		<0.002	<0.002	<0.002
3/4/2022					<0.002			

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
8/16/2022	<0.002			<0.002				
8/17/2022		<0.002						<0.002
8/18/2022					<0.002	<0.002		
8/19/2022			0.0024				<0.002	
2/15/2023		<0.002						<0.002
2/16/2023	<0.002		0.0014 (J)	<0.002	<0.002	<0.002	<0.002	
8/15/2023	<0.002							
8/16/2023		<0.002		<0.002	<0.002	<0.002	<0.002	<0.002
8/17/2023			0.0029					
2/13/2024	<0.002							
2/14/2024		0.002			<0.002			
2/15/2024			0.0036			<0.002	<0.002	<0.002
2/16/2024				<0.002				
7/31/2024			0.0029	<0.002	<0.002	<0.002		<0.002
8/1/2024	<0.002	<0.002						
8/2/2024							<0.002	
2/11/2025	<0.002	<0.002		<0.002	<0.002			
2/12/2025						0.0017 (J)	<0.002	
2/13/2025			0.0036					<0.002

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
5/18/2016	<0.002	<0.002						
7/19/2016	<0.002							
7/20/2016		<0.002						
9/14/2016	<0.002	<0.002						
11/10/2016	<0.002	<0.002						
11/11/2016			<0.002					
1/20/2017		<0.002						
1/24/2017	<0.002							
2/6/2017			<0.002					
3/14/2017		<0.002						
3/15/2017	<0.002		<0.002					
4/11/2017			<0.002					
4/25/2017	<0.002	<0.002						
4/26/2017			<0.002					
6/7/2017			<0.002					
7/11/2017			<0.002					
8/9/2017	<0.002	<0.002						
8/10/2017			<0.002					
3/29/2018	<0.002		<0.002					
3/30/2018		<0.002						
6/14/2018	<0.002	<0.002	<0.002					
10/4/2018	<0.002	<0.002	<0.002					
2/26/2019		<0.002						
2/27/2019	<0.002							
2/28/2019			<0.002					
4/2/2019			<0.002					
4/4/2019	<0.002	<0.002						
9/18/2019	<0.002	<0.002	<0.002					
2/7/2020	<0.002	<0.002	<0.002					
3/18/2020	<0.002	<0.002						
5/4/2020			<0.002					
9/23/2020	<0.002	<0.002	<0.002					
2/3/2021			<0.002					
2/4/2021	<0.002	<0.002						
3/11/2021	<0.002	<0.002	<0.002					
8/25/2021	<0.002	<0.002						
8/26/2021			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
1/11/2022					<0.002	<0.002	<0.002	<0.002
1/12/2022				<0.002				
3/3/2022	<0.002		<0.002		<0.002			<0.002
3/4/2022		<0.002		<0.002		<0.002	<0.002	
6/6/2022					<0.002		<0.002	<0.002
6/7/2022				<0.002		<0.002		
8/16/2022		<0.002			<0.002			
8/17/2022	<0.002		<0.002				<0.002	
8/18/2022				<0.002				<0.002
8/19/2022						<0.002		
2/15/2023	<0.002					<0.002	<0.002	<0.002
2/16/2023		<0.002	<0.002	<0.002	0.0015 (J)			
8/11/2023				<0.002				
8/15/2023	<0.002							
8/16/2023		<0.002	<0.002					

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
8/17/2023					<0.002	<0.002	<0.002	<0.002
2/13/2024				<0.002				
2/14/2024						<0.002		<0.002
2/15/2024	<0.002	<0.002	<0.002		<0.002		<0.002	
7/30/2024	<0.002							
7/31/2024		<0.002	<0.002	<0.002			<0.002	<0.002
8/1/2024					<0.002			
8/2/2024						<0.002		
2/11/2025		<0.002						
2/12/2025	<0.002			<0.002		<0.002		
2/13/2025			<0.002		<0.002		0.0017 (J)	<0.002

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-27	WGWC-28D	WAMW-1	WAMW-2	PZ-26D
10/16/2018					<0.002	
10/18/2018				<0.0025		
8/26/2021	<0.002					
1/11/2022	<0.002					
3/4/2022	<0.002					
6/7/2022	<0.002					
8/17/2022	<0.002					
10/19/2022		<0.002				
2/15/2023	<0.002					
2/16/2023		<0.002				
8/11/2023		<0.002				
8/15/2023	<0.002					
8/17/2023						<0.002
9/26/2023			0.002			
2/14/2024			<0.002			
2/15/2024	<0.002	<0.002				<0.002
7/31/2024	<0.002					
8/1/2024		<0.002	<0.002			<0.002
2/12/2025	<0.002	<0.002	<0.002	0.0012 (J)	<0.002	
2/13/2025						<0.002

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/11/2025 1:44 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)
5/17/2016	<0.01	<0.0025						<0.0025
5/18/2016			<0.0025	<0.0025	<0.01	<0.0025	<0.0025	
7/19/2016	0.0014 (J)	0.00086 (J)			0.0014 (J)	<0.0025	<0.0025	0.0019 (J)
7/20/2016			<0.0025	<0.0025				
9/13/2016	0.0015 (J)	0.00095 (J)	<0.0025	<0.0025		<0.0025	<0.0025	0.0032
9/14/2016					0.013 (o)			
11/9/2016	0.0012 (J)	0.0011 (J)				<0.0025		0.0039
11/10/2016			<0.0025	<0.0025			0.00055 (J)	
1/17/2017	0.001 (J)	<0.0025						
1/18/2017			<0.0025	<0.0025		<0.0025	0.00097 (J)	
1/19/2017					0.064 (O)			0.0032
3/13/2017	0.0011 (J)	0.00087 (J)						
3/14/2017			<0.0025	<0.0025	0.0066	0.0018 (J)	<0.0025	0.0045
4/24/2017	0.001 (J)	0.0014 (J)						
4/25/2017			<0.0025	<0.0025	0.0026	<0.0025	<0.0025	0.002 (J)
8/8/2017	0.0011 (J)	0.0012 (J)	<0.0025			<0.0025	<0.0025	0.0031
8/9/2017				<0.0025	0.0025			
8/25/2017					0.0025			
3/27/2018	0.00091 (J)	0.0012 (J)						
3/28/2018			<0.0025	<0.0025	0.0015 (J)	<0.0025	<0.0025	0.0013 (J)
6/13/2018	0.00094 (J)				0.0011 (J)	<0.0025		0.0021 (J)
6/14/2018		0.00085 (J)	<0.0025	<0.0025			<0.0025	
9/24/2018		0.00085 (J)						
9/27/2018	0.00085 (J)							
9/28/2018								0.0024 (J)
10/2/2018						<0.0025		
10/3/2018			<0.0025	<0.0025	0.0013 (J)		<0.0025	
2/25/2019	0.00085 (J)	0.00083 (J)						
2/26/2019			<0.0025	0.00029 (J)	0.0006 (J)	0.00031 (J)	0.00017 (J)	0.00026 (J)
4/1/2019	0.00079 (J)	0.00082 (J)						
4/2/2019			<0.0025	<0.0025	0.00046 (J)	<0.0025	<0.0025	<0.0025
9/16/2019	0.00082				0.0035	9.1E-05 (J)		
9/17/2019		0.00063		<0.0025				0.0012
9/18/2019			<0.0025				0.0002 (J)	
2/3/2020	0.00062	0.00068						
2/4/2020			<0.0025	<0.0025	0.00082	<0.0025		
2/5/2020							0.00021 (J)	0.0027
3/16/2020	0.00092 (J)	0.00066 (J)						
3/17/2020			<0.0025	<0.0025	0.00066 (J)	0.00014 (J)	0.00065 (J)	0.0017 (J)
9/21/2020		0.00054 (J)	<0.0025	<0.0025				
9/22/2020	0.00072 (J)				0.0065	<0.0025	0.00015 (J)	0.00033 (J)
2/2/2021	0.00082 (J)	0.00069 (J)	<0.0025	<0.0025			<0.0025	0.0018 (J)
2/3/2021					0.0015 (J)	<0.0025		
3/10/2021		0.00073 (J)	<0.0025	<0.0025	0.0011 (J)		<0.0025	0.0015 (J)
3/11/2021	0.00081 (J)					<0.0025		
8/23/2021		0.00049 (J)						
8/24/2021	0.0016 (J)			<0.0025	0.00079 (J)	<0.0025	0.00017 (J)	
8/25/2021			<0.0025					0.00084 (J)
2/28/2022				<0.0025				
3/1/2022	0.00073 (J)	0.00038 (J)	<0.0025		0.0014 (J)	<0.0025		
3/3/2022							<0.0025	0.0014 (J)
8/15/2022	0.0007 (J)	0.00045 (J)			0.00063 (J)	<0.0025		

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/11/2025 1:44 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)
8/16/2022			<0.0025	<0.0025			<0.0025	0.00075 (J)
2/14/2023	0.00073 (J)	0.00052 (J)	<0.0025		0.0011 (J)	<0.0025	<0.0025	0.001 (J)
2/15/2023				<0.0025				
8/14/2023	0.00087 (J)	0.0006 (J)						
8/15/2023			<0.0025	<0.0025	0.00059 (J)	<0.0025	<0.0025	0.00075 (J)
2/13/2024	0.00064 (J)	0.00049 (J)	<0.0025	<0.0025		<0.0025	0.00044 (J)	0.00063 (J)
2/16/2024					0.00059 (J)			
7/30/2024	0.00074 (J)	0.00046 (J)	<0.0025	<0.0025		<0.0025	<0.0025	0.00029 (J)
2/10/2025	0.00068 (J)	0.00034 (J)	<0.0025					
2/11/2025				<0.0025		<0.0025	0.0017 (J)	0.00043 (J)

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
5/18/2016			0.00201 (J)					<0.0025
5/19/2016	<0.0025	<0.0025		<0.0025	<0.01	<0.0025		
7/19/2016								<0.0025
7/20/2016	<0.0025	<0.0025	0.00066 (J)	0.0025	0.0013 (J)	<0.0025		
9/14/2016		<0.0025	0.00095 (J)	<0.0025	0.00098 (J)	<0.0025		<0.0025
9/15/2016	<0.0025							
11/10/2016						<0.0025		<0.0025
11/11/2016			0.001 (J)	0.00052 (J)	0.0017 (J)			
11/14/2016	<0.0025							
1/24/2017								<0.0025
1/27/2017				0.00049 (J)	0.0022 (J)	<0.0025		
2/6/2017	<0.0025		0.00072 (J)					
2/8/2017							0.0051	
2/9/2017		0.00073 (J)						
2/23/2017							0.014	
3/14/2017								<0.0025
3/15/2017	<0.0025	<0.0025	0.00062 (J)	0.00064 (J)	0.0016 (J)	<0.0025		
3/17/2017							0.013	
4/11/2017		<0.0025					0.016	
4/25/2017								<0.0025
4/26/2017	<0.0025	<0.0025	0.0014 (J)	0.001 (J)	0.00026 (J)	<0.0025	0.01	
5/17/2017							0.011	
6/7/2017							0.01	
7/11/2017							0.0085	
8/9/2017						0.0004 (J)		<0.0025
8/10/2017	<0.0025	<0.0025	<0.0025	0.0011 (J)	0.00049 (J)			
3/29/2018	0.00066 (J)	<0.0025		<0.0025	0.0008 (J)	0.0008 (J)	0.015	
3/30/2018			0.0035					<0.0025
6/14/2018	0.0011 (J)	<0.0025	0.0012 (J)	<0.0025	0.00067 (J)	0.00054 (J)	0.011	<0.0025
10/3/2018								<0.0025
10/4/2018	<0.0025	<0.0025	0.00086 (J)	<0.0025	0.00079 (J)	<0.0025	0.0055	
2/27/2019	0.0019 (J)		0.0005 (J)	0.0022 (J)	0.0006 (J)	0.00013 (J)	0.0049	<0.0025
2/28/2019		<0.0025						
4/3/2019	0.0037	<0.0025		0.00081 (J)	0.00043 (J)	<0.0025	0.0056	
4/4/2019			0.0017 (J)					<0.0025
9/18/2019						<0.0025	0.005	<0.0025
9/19/2019	0.0028	<0.0025	0.0023	<0.0025	0.00028 (J)			
2/5/2020		<0.0025	0.0013	0.00026 (J)	0.00058	<0.0025	0.0044	
2/7/2020	0.0011							<0.0025
3/18/2020			0.0012 (J)	0.00069 (J)	0.00071 (J)			<0.0025
3/19/2020	0.00092 (J)	<0.0025				<0.0025	0.0039	
9/22/2020	0.00065 (J)							
9/23/2020		<0.0025	0.00062 (J)		0.00039 (J)			<0.0025
9/24/2020				<0.0025		0.00032 (J)	0.0035	
2/3/2021	0.00014 (J)			0.00072 (J)	0.00017 (J)			
2/4/2021		<0.0025	0.00059 (J)			<0.0025	0.0041	0.00015 (J)
3/11/2021	0.00043 (J)		0.00058 (J)			<0.0025	0.0037	
3/12/2021		<0.0025		0.0022 (J)	0.00042 (J)			<0.0025
8/25/2021				0.00045 (J)	0.0005 (J)	<0.0025	0.0029	
8/26/2021	0.0005 (J)	<0.0025	0.00044 (J)					<0.0025
3/3/2022	0.0003 (J)	<0.0025	0.00045 (J)	0.00026 (J)		<0.0025	0.0024 (J)	<0.0025
3/4/2022					0.00056 (J)			

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
8/16/2022	0.00075 (J)			<0.0025				
8/17/2022		<0.0025						<0.0025
8/18/2022					0.00034 (J)	<0.0025		
8/19/2022			0.0014 (J)				0.002 (J)	
2/15/2023		<0.0025						<0.0025
2/16/2023	<0.0025		<0.0025	<0.0025	0.0004 (J)	<0.0025	0.0022 (J)	
8/15/2023	<0.0025							
8/16/2023		<0.0025		<0.0025	0.00025 (J)	0.00024 (J)	0.002 (J)	<0.0025
8/17/2023			0.00038 (J)					
2/13/2024	<0.0025							
2/14/2024		<0.0025			0.00045 (J)			
2/15/2024			<0.0025			<0.0025	0.0017 (J)	<0.0025
2/16/2024				<0.0025				
7/31/2024			<0.0025	<0.0025	0.00029 (J)	<0.0025		<0.0025
8/1/2024	<0.0025	<0.0025						
8/2/2024							0.0016 (J)	
2/11/2025	<0.0025	<0.0025		<0.0025	0.00033 (J)			
2/12/2025						0.00029 (J)	0.0015 (J)	
2/13/2025			<0.0025					<0.0025

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
5/18/2016	0.0069 (J)	0.00245 (J)						
7/19/2016	0.012							
7/20/2016		0.0018 (J)						
9/14/2016	0.013	0.0014 (J)						
11/10/2016	0.016	0.0016 (J)						
11/11/2016			<0.0025					
1/20/2017		0.0014 (J)						
1/24/2017	0.015							
2/6/2017			0.00058 (J)					
3/14/2017		0.0023 (J)						
3/15/2017	0.014		0.00045 (J)					
4/11/2017			<0.0025					
4/25/2017	0.014	0.0023 (J)						
4/26/2017			<0.0025					
6/7/2017			<0.0025					
7/11/2017			<0.0025					
8/9/2017	0.016	0.0011 (J)						
8/10/2017			0.00049 (J)					
3/29/2018	0.0092		<0.0025					
3/30/2018		0.0016 (J)						
6/14/2018	0.0035	0.00055 (J)	<0.0025					
10/4/2018	0.0078	0.00041 (J)	<0.0025					
2/26/2019		0.00086 (J)						
2/27/2019	0.00084 (J)							
2/28/2019			0.00019 (J)					
4/2/2019			<0.0025					
4/4/2019	0.00077 (J)	<0.0025						
9/18/2019	0.00011 (J)	0.00018 (J)	0.00045 (J)					
2/7/2020	0.00016 (J)	0.00077	0.00024 (J)					
3/18/2020	0.00016 (J)	0.00052 (J)						
5/4/2020			0.00018 (J)					
9/23/2020	<0.0025	0.0009 (J)	0.00024 (J)					
2/3/2021			0.00025 (J)					
2/4/2021	0.00026 (J)	0.00042 (J)						
3/11/2021	0.00013 (J)	0.00035 (J)	0.00022 (J)					
8/25/2021	<0.0025	0.00042 (J)						
8/26/2021			0.00022 (J)	0.00046 (J)	0.00042 (J)	0.00038 (J)	0.00017 (J)	0.13
1/11/2022					0.00032 (J)	0.00025 (J)	0.00016 (J)	0.11
1/12/2022				0.00037 (J)				
3/3/2022	<0.0025		0.00034 (J)		0.00042 (J)			0.086
3/4/2022		0.00026 (J)		<0.0025		0.00034 (J)	<0.0025	
6/6/2022					0.001 (J)		<0.0025	0.042
6/7/2022				<0.0025		<0.0025		
8/16/2022		<0.0025			0.00039 (J)			
8/17/2022	<0.0025		<0.0025				<0.0025	
8/18/2022				<0.0025				0.031
8/19/2022						<0.0025		
2/15/2023	<0.0025					<0.0025	<0.0025	0.084
2/16/2023		<0.0025	0.00053 (J)	<0.0025	<0.0025			
8/11/2023				<0.0025				
8/15/2023	<0.0025							
8/16/2023		<0.0025	0.00026 (J)					

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
8/17/2023					<0.0025	<0.0025	<0.0025	0.035
2/13/2024				<0.0025				
2/14/2024						<0.0025		0.045
2/15/2024	<0.0025	<0.0025	<0.0025		<0.0025		<0.0025	
7/30/2024	<0.0025							
7/31/2024		<0.0025	0.00024 (J)	<0.0025			<0.0025	0.027
8/1/2024					<0.0025			
8/2/2024						<0.0025		
2/11/2025		<0.0025						
2/12/2025	<0.0025			<0.0025		<0.0025		
2/13/2025			<0.0025		<0.0025		0.00022 (J)	0.039

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-27	WGWC-28D	WAMW-1	WAMW-2	PZ-26D
10/16/2018					<0.0025	
10/18/2018				<0.0025		
8/26/2021	0.005					
1/11/2022	0.0048					
3/4/2022	0.004					
6/7/2022	0.0043					
8/17/2022	0.0037					
10/19/2022		0.002 (J)				
2/15/2023	0.0049					
2/16/2023		0.0013 (J)				
8/11/2023		0.0018 (J)				
8/15/2023	0.0081					
8/17/2023						0.017
9/26/2023			0.00072 (J)			
2/14/2024			0.00064 (J)			
2/15/2024	0.0062	0.0018 (J)				0.0069
7/31/2024	0.0088					
8/1/2024		0.0026	<0.0025			0.0081
2/12/2025	0.0085	0.002 (J)	0.00024 (J)	<0.0025	0.001 (J)	
2/13/2025						0.0011 (J)

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

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/11/2025 1:44 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)
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)	
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				
9/13/2016	0.592 (U)	0.372 (U)	0.215 (U)	0.958		6.98	0.527 (U)	0.194 (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)
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)
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)
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)			
8/25/2017					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
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	
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	
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)
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)
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)	
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)
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)
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)
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		
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		
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
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
8/15/2022	0.559	0.725			2.38	9.58		

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/11/2025 1:44 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)
8/16/2022			0.628	2.02			0.653	1.18
2/14/2023	0.827	0.421 (U)	0.605		0.741	8.54	-0.0224 (U)	0.753
2/15/2023				1.59				
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)
2/13/2024	0.208 (U)	0.0248 (U)	-0.146 (U)	2.21		10.8	-0.137 (U)	0.309 (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)
2/10/2025	1.59	0.453 (U)	1.15					
2/11/2025				2.44		13.1	0.699	0.383 (U)

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
5/18/2016			0.182 (U)					0.569
5/19/2016	0.711 (U)	0.209 (U)		0.431 (U)	0.0698 (U)	0.219 (U)		
7/19/2016								0.29 (U)
7/20/2016	1.14	-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		0.412 (U)
9/15/2016	1.26							
11/10/2016						1		0.709
11/11/2016			0.542	0.0257 (U)	0.467			
11/14/2016	0.749							
1/24/2017								0.779
1/27/2017				0.898	0.836	0.668		
2/6/2017	1.05		0.104 (U)					
2/8/2017							0.958	
2/9/2017		0.393						
2/23/2017							0.771	
3/14/2017								0.247 (U)
3/15/2017	1.32	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	
4/25/2017								0.515
4/26/2017	1.07	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		1.7
8/10/2017	1.88	0.379	0.189 (U)	0.326 (U)	0.912			
3/29/2018	2.31	0.278 (U)		0.461	0.419	0.51	0.58	
3/30/2018			0.575					0.0985 (U)
6/14/2018	1.86	0.157 (U)	0.523	0.275 (U)	-0.263 (U)	0.463	0.55	0.171 (U)
10/3/2018								0.766
10/4/2018	2.44	0.48	0.84	1.18	1.29	0.99	0.563	
2/27/2019	2.42		0.236 (U)	0.374	0.415	1.08	0.538	0.363 (U)
2/28/2019		0.271 (U)						
4/3/2019	1.55	0.0621 (U)		0.187 (U)	0.264 (U)	0.446	0.497	
4/4/2019			0.233 (U)					0.418
9/18/2019						0.392	0.376 (U)	0.484
9/19/2019	2.06	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	
2/7/2020	1.66							0.125 (U)
3/18/2020			0.461 (U)	0.866	-0.0262 (U)			0.303 (U)
3/19/2020	1.21	0.23 (U)				0.47	0.376 (U)	
9/22/2020	1.75							
9/23/2020		0.0587 (U)	0.442 (U)		0.785			0.448 (U)
9/24/2020				1.2		1.02	0.796	
2/3/2021	2			0.718	0.322 (U)			
2/4/2021		0.353 (U)	0.0332 (U)			0.139 (U)	0.564	0.488 (U)
3/11/2021	2.38		0.42 (U)			0.473	0.764	
3/12/2021		0.831		0.0729 (U)	0.633			0.591
8/25/2021				0.401	0.443 (U)	0.913	0.705	
8/26/2021	2.87	0.681	0.321 (U)					0.678
3/3/2022	3.18	0.431 (U)	0.587	0.622		0.621	0.956	0.358 (U)
3/4/2022					0.408			

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
8/16/2022	2.4			0.5				
8/17/2022		0.139 (U)						0.563
8/18/2022					0.279 (U)	0.719		
8/19/2022			0.497 (U)				0.932	
2/15/2023		0.0109 (U)						0.0878 (U)
2/16/2023	3.04		0.326 (U)	0.417 (U)	0.388 (U)	0.2 (U)	0.455 (U)	
8/15/2023	2.65							
8/16/2023		0.209 (U)		0.297 (U)	0.45 (U)	-0.09 (U)	0.277 (U)	0.0271 (U)
8/17/2023			-0.112 (U)					
2/13/2024	2.44							
2/14/2024		0.279 (U)			0.813			
2/15/2024			0.126 (U)			0.585	0.482 (U)	0.607
2/16/2024				-0.00801 (U)				
7/31/2024			1.33	0.791	1.07	0.823		1.17
8/1/2024	1.73	0.818						
8/2/2024							0.774	
2/11/2025	3.46	2.41		1.28	0.892			
2/12/2025						0.589	0.968	
2/13/2025			0.44 (U)					1.11

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
5/18/2016	1.03	0.116 (U)						
7/19/2016	2.39							
7/20/2016		0.247 (U)						
9/14/2016	3.05	0.594						
11/10/2016	2.87	0.431						
11/11/2016			-0.11 (U)					
1/20/2017		1.35						
1/24/2017	2.68							
2/6/2017			0.471					
3/14/2017		-0.107 (U)						
3/15/2017	1.64		0.255 (U)					
4/11/2017			0.19 (U)					
4/25/2017	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	2.5	-0.0246 (U)						
8/10/2017			0.882					
3/29/2018	1.6		0.252 (U)					
3/30/2018		0.135 (U)						
6/14/2018	1.09	-0.373 (U)	0.0458 (U)					
10/4/2018	1.99	0.775	0.381					
2/26/2019		0.431						
2/27/2019	0.721							
2/28/2019			0.254 (U)					
4/2/2019			0.209 (U)					
4/4/2019	0.632	0.386						
9/18/2019	0.278 (U)	0.167 (U)	0.403 (U)					
2/7/2020	0.797	0.244 (U)	0.2 (U)					
3/18/2020	0.437	0.0655 (U)						
5/4/2020			0.0697 (U)					
9/23/2020	0.276 (U)	0.643	1.18					
2/3/2021			0.684					
2/4/2021	0.727	0.438 (U)						
3/11/2021	0.942	0.247 (U)	0.286 (U)					
8/25/2021	0.518	0.565						
8/26/2021			0.796	1.6	1.17	3.54	0.703	1.63
1/11/2022					0.919	6.91	0.218 (U)	0.749
1/12/2022				1.09				
3/3/2022	0.573		0.909		1.31			0.893
3/4/2022		0.573		0.925		7.57	0.437 (U)	
6/6/2022					2.61		1.45	0.845
6/7/2022				0.67		4.67		
8/16/2022		0.668			1.35			
8/17/2022	0.946		0.155 (U)				0.976	
8/18/2022				0.994				1.03
8/19/2022						3.07		
2/15/2023	0.734					5.98	0.985	0.974
2/16/2023		0.121 (U)	0.248 (U)	0.853	0.617			
8/11/2023				0.591 (U)				
8/15/2023	0.732							
8/16/2023		0.533 (U)	0.369 (U)					

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
8/17/2023					2.44	4.47	1.91	1.62
2/13/2024				1.06				
2/14/2024						5.46		0.674
2/15/2024	0.582	0.257 (U)	0.523		1.3		0.232 (U)	
7/30/2024	0.628							
7/31/2024		0.594 (U)	1.53	1.15			1.69	1.34
8/1/2024					0.417 (U)			
8/2/2024						4.11		
2/11/2025		0.639 (U)						
2/12/2025	1.14			1.12		4.31		
2/13/2025			0.187 (U)		1.7		1.31 (U)	0.801

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-27	WGWC-28D	WAMW-1	WAMW-2	PZ-26D
10/16/2018					0.476	
10/18/2018				0.314 (U)		
8/26/2021	1.12					
1/11/2022	0.606					
3/4/2022	0.818					
6/7/2022	0.5					
8/17/2022	0.763					
10/19/2022		0.185 (U)				
2/15/2023	0.873					
2/16/2023		2.16				
8/11/2023		3.88				
8/15/2023	0.581 (U)					
8/17/2023						1.44
9/26/2023			15.4			
2/14/2024			13.3			
2/15/2024	0.672	5.82				1.06
7/31/2024	1.25					
8/1/2024		5.4	7.77			1.07
2/12/2025	1.43	5.08	7.79	0.557	0.8	
2/13/2025						0.648

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/11/2025 1:44 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)
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)	
7/19/2016	<0.2	<0.2			<0.2	0.11 (J)	<0.2	0.21
7/20/2016			<0.2	0.17 (J)				
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)			
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)
3/13/2017	<0.2	<0.2						
3/14/2017			<0.2	0.13 (J)	<0.2	<0.2	<0.2	<0.2
4/24/2017	<0.2	<0.2						
4/25/2017			<0.2	0.12 (J)	<0.2	<0.2	<0.2	<0.2
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			
8/25/2017					<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)
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)
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	
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	
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
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
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)	
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
3/16/2020	0.042 (J)	0.052 (J)						
3/17/2020			0.04 (J)	0.11	<0.2	0.037 (J)	0.044 (J)	<0.2
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
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)		
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)		
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
2/28/2022				0.083 (J)				
3/1/2022	<0.2	0.058 (J)	<0.2		<0.2	0.063 (J)		

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/11/2025 1:44 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)
3/3/2022							0.038 (J)	0.078 (J)
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)
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				
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)
2/13/2024	<0.2	<0.2	<0.2	0.087 (J)		0.07 (J)	<0.2	0.076 (J)
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)
2/10/2025	<0.2	<0.2	<0.2					
2/11/2025				<0.2		<0.2	<0.2	<0.2

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
5/18/2016			0.206 (J)					0.779
5/19/2016	0.304	1.58		0.039 (J)	0.12 (J)	0.384		
7/19/2016								0.97
7/20/2016	0.27	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		0.89
9/15/2016	0.24							
11/10/2016						0.26		0.88
11/11/2016			0.14 (J)	<0.2	<0.2			
11/14/2016	0.2							
1/24/2017								0.92
1/27/2017				<0.2	<0.2	0.28		
2/6/2017	0.27		0.15 (J)					
2/8/2017							<0.2	
2/9/2017		1.3						
2/23/2017							<0.2	
3/14/2017								0.77
3/15/2017	0.25	1.3	0.16 (J)	<0.2	<0.2	0.3		
3/17/2017							<0.2	
4/11/2017		1.4					<0.2	
4/25/2017								0.95
4/26/2017	0.31	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		0.91
8/10/2017	0.37	1.6	0.2	<0.2	0.11 (J)			
10/11/2017							<0.2	0.88
10/12/2017	0.35	1.5	0.14 (J)	<0.2	0.091 (J)	0.28		
3/29/2018	0.36	1.4		<0.2	0.089 (J)	0.27	<0.2	
3/30/2018			0.13 (J)					0.79
6/14/2018	0.56	1.4	0.15 (J)	<0.2	0.1 (J)	0.27	<0.2	0.79
10/3/2018								0.79
10/4/2018	0.27	1.4	0.18 (J)	<0.2	0.12 (J)	0.23	<0.2	
2/27/2019	0.054 (J)		0.21	0.047 (J)	0.06 (J)	0.25	<0.2	0.81
2/28/2019		1.4						
4/3/2019	0.5	1.3		0.048 (J)	0.084 (J)	0.24	0.048 (J)	
4/4/2019			0.13 (J)					0.78
9/18/2019						0.22	0.035 (J)	0.81
9/19/2019	0.42	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)	
2/7/2020	0.25							0.79
3/18/2020			0.052 (J)	<0.2	0.033 (J)			0.71
3/19/2020	0.057 (J)	1				0.15	<0.2	
9/22/2020	0.14							
9/23/2020		0.82	0.09 (J)		0.064 (J)			0.63
9/24/2020				0.18		<0.2	0.028 (J)	
2/3/2021	0.15			0.027 (J)	0.082 (J)			
2/4/2021		0.91	0.12			0.16	0.033 (J)	0.69
3/11/2021	0.16		0.15			0.18	0.04 (J)	
3/12/2021		0.98		0.044 (J)	0.096 (J)			0.88
8/25/2021				0.056 (J)	0.14	0.2	0.071 (J)	
8/26/2021	0.21	1	0.16					0.77

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
3/3/2022	0.19	1	0.067 (J)	0.055 (J)		0.21	0.057 (J)	0.88
3/4/2022					0.068 (J)			
8/16/2022	0.21			<0.2				
8/17/2022		0.9						0.68
8/18/2022					0.073 (J)	0.14		
8/19/2022			0.1				<0.2	
2/15/2023		0.85						0.73
2/16/2023	0.14		0.11	0.041 (J)	0.089 (J)	0.15	<0.2	
8/15/2023	0.15 (J)							
8/16/2023		0.9		0.041 (J)	0.083 (J)	0.13	0.04 (J)	0.73
8/17/2023			0.1					
2/13/2024	<0.2							
2/14/2024		0.73			0.044 (J)			
2/15/2024			<0.2			0.21 (J)	<0.2	0.89
2/16/2024				<0.2				
7/31/2024			0.1	<0.2	0.077 (J)	0.15		0.62
8/1/2024	<0.2	0.9						
8/2/2024							<0.2	
2/11/2025	<0.2	0.4		<0.2	<0.2			
2/12/2025						<0.2	<0.2	
2/13/2025			<0.2					0.72

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
5/18/2016	0.1 (J)	0.121 (J)						
7/19/2016	0.14 (J)							
7/20/2016		0.16 (J)						
9/14/2016	0.18 (J)	0.19 (J)						
11/10/2016	0.11 (J)	0.15 (J)						
11/11/2016			0.32					
1/20/2017		0.18 (J)						
1/24/2017	0.15 (J)							
2/6/2017			0.45					
3/14/2017		0.11 (J)						
3/15/2017	0.1 (J)		0.37					
4/11/2017			0.37					
4/25/2017	0.13 (J)	0.13 (J)						
4/26/2017			0.4					
6/7/2017			0.35					
7/11/2017			0.39					
8/9/2017	0.18 (J)	0.19 (J)						
8/10/2017			0.42					
10/11/2017	<0.2	0.14 (J)						
10/12/2017			0.36					
3/29/2018	0.13 (J)		0.34					
3/30/2018		0.095 (J)						
6/14/2018	<0.2	0.11 (J)	0.35					
10/4/2018	0.85 (J)	0.11 (J)	0.35					
2/26/2019		0.068 (J)						
2/27/2019	0.47							
2/28/2019			0.28					
4/2/2019			0.33					
4/4/2019	0.08 (J)	0.087 (J)						
9/18/2019	0.058 (J)	0.066 (J)	0.32					
2/7/2020	0.072 (J)	0.079 (J)	0.35					
3/18/2020	0.084 (J)	<0.2						
5/4/2020			0.36					
9/23/2020	0.049 (J)	0.05 (J)	0.25					
2/3/2021			0.3					
2/4/2021	0.052 (J)	0.064 (J)						
3/8/2021				1.8				
3/9/2021					1.7	1.1	0.092 (J)	1
3/11/2021	0.061 (J)	0.05 (J)	0.31					
4/7/2021					1.6		0.093 (J)	1.1
4/8/2021				1.7		1.4		
8/25/2021	0.099 (J)	0.093 (J)						
8/26/2021			0.38	2	2	0.51	0.081 (J)	1.2
1/11/2022					1.9	0.45	0.045 (J)	1
1/12/2022				1.8				
3/3/2022	0.067 (J)		0.4		1.8			0.71
3/4/2022		0.06 (J)		2		0.42	0.045 (J)	
6/6/2022					1.9		0.028 (J)	0.43
6/7/2022				2.5		0.37		
8/16/2022		0.06 (J)			1.8			
8/17/2022	0.062 (J)		0.28				0.043 (J)	
8/18/2022				2				0.24

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
8/19/2022						0.31		
2/15/2023	0.076 (J)					0.31	0.048 (J)	0.63
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		0.064 (J)	0.34					
8/17/2023					1.8	0.32	0.045 (J)	0.28
2/13/2024				<0.2				
2/14/2024						0.23		<0.2
2/15/2024	<0.2	<0.2	0.4		2.2		<0.2	
7/30/2024	<0.2							
7/31/2024		0.049 (J)	0.28	1.8			0.045 (J)	0.1 (J)
8/1/2024					<0.2			
8/2/2024						<0.2		
2/11/2025		<0.2						
2/12/2025	<0.2			<0.2		<0.2		
2/13/2025			0.058 (J)		<0.2		<0.2	<0.2

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-27	WGWC-28D	WAMW-1	WAMW-2	PZ-26D
10/16/2018					0.47	
10/18/2018				0.6		
3/8/2021	<0.2					
3/9/2021						0.26
4/7/2021						0.22
4/8/2021	0.028 (J)					
8/26/2021	0.047 (J)					
1/11/2022	0.028 (J)					
3/4/2022	0.038 (J)					
6/7/2022	<0.2					
8/17/2022	<0.2					
10/19/2022		0.52				
2/15/2023	<0.2					
2/16/2023		0.92				
8/11/2023		1.1				
8/15/2023	0.049 (J)					
8/17/2023						0.22
9/26/2023			1.6			
11/7/2023			2.1			
2/14/2024			<0.2			
2/15/2024	<0.2	1.2				0.29 (J)
7/31/2024	<0.2					
8/1/2024		0.66	<0.2			0.1 (J)
12/9/2024					0.27	
1/8/2025				0.33		
2/12/2025	<0.2	<0.2	<0.2	<0.2	0.13	
2/13/2025						<0.2

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

Time Series

Constituent: Lead (mg/L) Analysis Run 4/11/2025 1:44 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)
5/17/2016	<0.001	<0.001						<0.001
5/18/2016			<0.001	<0.001	<0.001	<0.001	<0.001	
7/19/2016	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001
7/20/2016			<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			
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
3/13/2017	<0.001	<0.001						
3/14/2017			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/24/2017	<0.001	<0.001						
4/25/2017			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/8/2017	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001
8/9/2017				<0.001	<0.001			
8/25/2017					<0.001			
3/27/2018	<0.001	<0.001						
3/28/2018			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
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
4/1/2019	<0.001	<0.001						
4/2/2019			<0.001	<0.001	<0.001	<0.001	<0.001	<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	
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
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
9/21/2020		<0.001	<0.001	<0.001				
9/22/2020	<0.001				<0.001	<0.001	<0.001	<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		
3/10/2021		0.00019 (J)	<0.001	<0.001	<0.001		<0.001	<0.001
3/11/2021	<0.001					<0.001		
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
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
8/15/2022	<0.001	<0.001			<0.001	0.00019 (J)		
8/16/2022			<0.001	<0.001			<0.001	<0.001
2/14/2023	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
2/15/2023				<0.001				
8/14/2023	<0.001	<0.001						
8/15/2023			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/13/2024	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
2/16/2024					<0.001			

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

Time Series

Constituent: Lead (mg/L) Analysis Run 4/11/2025 1:44 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)
7/30/2024	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
2/10/2025	<0.001	<0.001	<0.001					
2/11/2025				0.0015		<0.001	<0.001	<0.001

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

Time Series

Constituent: Lead (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
5/18/2016			<0.001					<0.001
5/19/2016	<0.001	<0.001		<0.001	<0.001	<0.001		
7/19/2016								<0.001
7/20/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
9/14/2016		<0.001	<0.001	<0.001	<0.001	0.00055 (J)		<0.001
9/15/2016	<0.001							
11/10/2016						0.00047 (J)		<0.001
11/11/2016			<0.001	<0.001	<0.001			
11/14/2016	<0.001							
1/24/2017								<0.001
1/27/2017				<0.001	<0.001	<0.001		
2/6/2017	<0.001		<0.001					
2/8/2017							<0.001	
2/9/2017		<0.001						
2/23/2017							<0.001	
3/14/2017								<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
4/26/2017	<0.001	<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		<0.001
8/10/2017	<0.001	<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
2/27/2019	0.00017 (J)		0.00023 (J)	0.00058 (J)	<0.001	0.00068 (J)	<0.001	<0.001
2/28/2019		0.00014 (J)						
4/3/2019	<0.001	<0.001		<0.001	<0.001	0.00047 (J)	<0.001	
4/4/2019			<0.001					<0.001
9/18/2019						0.00045 (J)	<0.001	<0.001
9/19/2019	<0.001	<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	
2/7/2020	<0.001							<0.001
3/18/2020			0.00021 (J)	<0.001	<0.001			<0.001
3/19/2020	0.00016 (J)	<0.001				0.0006 (J)	0.00017 (J)	
9/22/2020	0.00013 (J)							
9/23/2020		<0.001	0.00013 (J)		<0.001			<0.001
9/24/2020				0.00037 (J)		<0.001	0.00018 (J)	
2/3/2021	0.00013 (J)			<0.001	<0.001			
2/4/2021		<0.001	0.00019 (J)			0.00038 (J)	0.00013 (J)	0.0003 (J)
3/11/2021	<0.001		0.00032 (J)			0.00075 (J)	0.00031 (J)	
3/12/2021		<0.001		0.00038 (J)	<0.001			<0.001
8/25/2021				0.00023 (J)	<0.001	0.00025 (J)	0.00041 (J)	
8/26/2021	0.00014 (J)	<0.001	0.00026 (J)					<0.001
3/3/2022	0.00052 (J)	<0.001	0.00025 (J)	<0.001		0.00023 (J)	0.00057 (J)	<0.001
3/4/2022					0.00033 (J)			
8/16/2022	0.00041 (J)			<0.001				
8/17/2022		<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 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
8/19/2022			0.0003 (J)				0.00036 (J)	
2/15/2023		<0.001						<0.001
2/16/2023	0.00029 (J)		<0.001	<0.001	<0.001	0.00027 (J)	0.00024 (J)	
8/15/2023	<0.001							
8/16/2023		<0.001		<0.001	<0.001	0.00025 (J)	0.00022 (J)	<0.001
8/17/2023			<0.001					
2/13/2024	<0.001							
2/14/2024		<0.001			<0.001			
2/15/2024			0.0007 (J)			<0.001	0.00029 (J)	<0.001
2/16/2024				<0.001				
7/31/2024			<0.001	<0.001	<0.001	0.00026 (J)		<0.001
8/1/2024	<0.001	<0.001						
8/2/2024							<0.001	
2/11/2025	0.00023 (J)	<0.001		<0.001	<0.001			
2/12/2025						0.00022 (J)	<0.001	
2/13/2025			<0.001					<0.001

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

Time Series

Constituent: Lead (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
5/18/2016	<0.001	<0.001						
7/19/2016	<0.001							
7/20/2016		<0.001						
9/14/2016	<0.001	<0.001						
11/10/2016	<0.001	<0.001						
11/11/2016			<0.001					
1/20/2017		<0.001						
1/24/2017	<0.001							
2/6/2017			<0.001					
3/14/2017		<0.001						
3/15/2017	<0.001		<0.001					
4/11/2017			<0.001					
4/25/2017	<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						
8/10/2017			<0.001					
3/29/2018	<0.001		<0.001					
3/30/2018		<0.001						
2/26/2019		0.00033 (J)						
2/27/2019	0.00014 (J)							
2/28/2019			<0.001					
4/2/2019			<0.001					
4/4/2019	<0.001	<0.001						
9/18/2019	<0.001	<0.001	<0.001					
2/7/2020	<0.001	<0.001	<0.001					
3/18/2020	<0.001	0.0002 (J)						
5/4/2020			<0.001					
9/23/2020	<0.001	<0.001	<0.001					
2/3/2021			<0.001					
2/4/2021	0.00013 (J)	<0.001						
3/11/2021	<0.001	<0.001	<0.001					
8/25/2021	<0.001	<0.001						
8/26/2021			<0.001	<0.001	<0.001	0.00022 (J)	<0.001	0.0012
1/11/2022					<0.001	0.00023 (J)	<0.001	0.00082 (J)
1/12/2022				<0.001				
3/3/2022	<0.001		0.0003 (J)		<0.001			0.00076 (J)
3/4/2022		<0.001		<0.001		0.00036 (J)	<0.001	
6/6/2022					<0.001		<0.001	0.00047 (J)
6/7/2022				<0.001		<0.001		
8/16/2022		<0.001			<0.001			
8/17/2022	<0.001		<0.001				<0.001	
8/18/2022				<0.001				0.00032 (J)
8/19/2022						0.00037 (J)		
2/15/2023	<0.001					0.00023 (J)	0.0046	0.00056 (J)
2/16/2023		<0.001	<0.001	<0.001	<0.001			
8/11/2023				<0.001				
8/15/2023	<0.001							
8/16/2023		<0.001	<0.001					
8/17/2023					<0.001	<0.001	<0.001	0.00029 (J)
2/13/2024				<0.001				

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

Time Series

Constituent: Lead (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
2/14/2024						<0.001		0.00037 (J)
2/15/2024	<0.001	<0.001	<0.001		<0.001		<0.001	
7/30/2024	<0.001							
7/31/2024		<0.001	<0.001	<0.001			<0.001	0.00025 (J)
8/1/2024					<0.001			
8/2/2024						<0.001		
2/11/2025		<0.001						
2/12/2025	<0.001			<0.001		<0.001		
2/13/2025			<0.001		<0.001		0.002	0.0005 (J)

Time Series

Constituent: Lead (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-27	WGWC-28D	WAMW-1	WAMW-2	PZ-26D
8/26/2021	<0.001					
1/11/2022	<0.001					
3/4/2022	<0.001					
6/7/2022	<0.001					
8/17/2022	<0.001					
10/19/2022		<0.001				
2/15/2023	<0.001					
2/16/2023		<0.001				
8/11/2023		<0.001				
8/15/2023	<0.001					
8/17/2023						<0.001
9/26/2023			<0.001			
2/14/2024			0.00022 (J)			
2/15/2024	<0.001	<0.001				<0.001
7/31/2024	<0.001					
8/1/2024		<0.001	<0.001			<0.001
2/12/2025	0.00065 (J)	<0.001	<0.001	<0.001	<0.001	
2/13/2025						0.001

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

Time Series

Constituent: Lithium (mg/L) Analysis Run 4/11/2025 1:44 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)
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	<0.005	0.005			<0.005	0.0043 (J)	<0.005	<0.005
7/20/2016			<0.005	0.0041 (J)				
9/13/2016	<0.005	0.0075	<0.005	0.0042 (J)		0.0045 (J)	<0.005	<0.005
9/14/2016					<0.005			
11/9/2016	0.0032 (J)	0.0078				0.0036 (J)		<0.005
11/10/2016			<0.005	0.0048 (J)			<0.005	
1/17/2017	<0.005	0.009						
1/18/2017			<0.005	0.0033 (J)		0.0046 (J)	<0.005	
1/19/2017					<0.005			<0.005
3/13/2017	<0.005	0.0069						
3/14/2017			<0.005	0.0033 (J)	<0.005	0.0038 (J)	<0.005	<0.005
4/24/2017	<0.005	0.0049 (J)						
4/25/2017			<0.005	0.0037 (J)	<0.005	<0.005	<0.005	<0.005
8/8/2017	0.0032 (J)	0.0075	<0.005			0.0043 (J)	<0.005	<0.005
8/9/2017				0.0042 (J)	<0.005			
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)
6/13/2018	0.0033 (J)				<0.005	0.0041 (J)		<0.005
6/14/2018		0.0072	0.0012 (J)	0.0045 (J)			<0.005	
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		<0.005	
2/25/2019	0.0049 (J)	0.0072						
2/26/2019			<0.005	0.0069	<0.005	0.0068	<0.005	<0.005
4/1/2019	0.0044 (J)	0.0055						
4/2/2019			<0.005	0.0036 (J)	0.0016 (J)	0.0052	<0.005	0.0012 (J)
9/16/2019	0.004 (J)				0.028 (O)	0.032 (O)		
9/17/2019		0.0083		0.0049 (J)				<0.005
9/18/2019			<0.005				<0.005	
2/3/2020	<0.005	0.0085						
2/4/2020			<0.005	0.0055	<0.005	0.0053		
2/5/2020							<0.005	<0.005
3/16/2020	0.0053	0.0083						
3/17/2020			<0.005	0.0059	<0.005	0.0055	<0.005	<0.005
9/21/2020		0.0075	<0.005	0.005				
9/22/2020	0.0036 (J)				<0.005	0.0049 (J)	<0.005	<0.005
2/2/2021	<0.005	0.0065	<0.005	0.0039 (J)			<0.005	<0.005
2/3/2021					<0.005	0.0047 (J)		
3/10/2021		0.0075	<0.005	0.0049 (J)	<0.005		<0.005	<0.005
3/11/2021	0.0039 (J)					0.005		
8/23/2021		0.0066						
8/24/2021	<0.005			0.0036 (J)	<0.005	0.0041 (J)	<0.005	
8/25/2021			<0.005					<0.005
2/28/2022				0.005				
3/1/2022	0.0029 (J)	0.0085	<0.005		<0.005	0.006		
3/3/2022							<0.005	<0.005
8/15/2022	0.0032 (J)	0.007			<0.005	0.0047 (J)		

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

Time Series

Constituent: Lithium (mg/L) Analysis Run 4/11/2025 1:44 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)
8/16/2022			<0.005	0.0043 (J)			<0.005	<0.005
2/14/2023	0.0029 (J)	0.006	<0.005		<0.005	0.0045 (J)	<0.005	<0.005
2/15/2023				0.0041 (J)				
8/14/2023	<0.005	0.0026 (J)						
8/15/2023			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/13/2024	0.0049 (J)	0.0082	<0.005	0.0061		0.0054	<0.005	0.0028 (J)
2/16/2024					<0.005			
7/30/2024	0.002 (J)	0.004 (J)	<0.005	<0.005		0.0027 (J)	<0.005	<0.005
2/10/2025	0.0091	0.013	<0.005					
2/11/2025				<0.005		<0.005	<0.005	0.0047 (J)

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

Time Series

Constituent: Lithium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
5/18/2016			0.032 (J)					<0.005
5/19/2016	0.0215 (J)	0.0335 (J)		<0.005	<0.05	<0.005		
7/19/2016								0.0036 (J)
7/20/2016	0.026	0.024	0.021	<0.005	0.0057	<0.005		
9/14/2016		0.039	0.02	<0.005	0.0077	<0.005		<0.005
9/15/2016	0.057							
11/10/2016						0.0038 (J)		0.0064
11/11/2016			0.017	<0.005	0.007			
11/14/2016	0.017							
1/24/2017								0.0075
1/27/2017				<0.005	0.0074	<0.005		
2/6/2017	0.012		0.016					
2/8/2017							0.0039 (J)	
2/9/2017		0.04						
2/23/2017							<0.005	
3/14/2017								0.0057
3/15/2017	0.014	0.035	0.014	<0.005	0.0077	<0.005		
3/17/2017							<0.005	
4/11/2017		0.034					<0.005	
4/25/2017								0.0059
4/26/2017	0.0091	0.029	0.011	<0.005	0.0011	<0.005	<0.005	
5/17/2017							0.0033 (J)	
6/7/2017							<0.005	
7/11/2017							<0.005	
8/9/2017						<0.005		0.0068
8/10/2017	0.013	0.038	0.011	<0.005	0.0064			
3/29/2018	0.018	0.048		0.0018 (J)	0.01	0.0022 (J)	0.0025 (J)	
3/30/2018			0.016					0.0077
6/14/2018	0.015	0.034	0.0084	0.0011 (J)	0.0062	0.0018 (J)	0.0018 (J)	0.0052
10/3/2018								0.006
10/4/2018	0.013	0.039	0.0085	0.0014 (J)	0.0066	0.0025 (J)	0.0016 (J)	
2/27/2019	0.014		0.0068	<0.005	0.0068	<0.005	<0.005	0.0055
2/28/2019		0.037						
4/3/2019	0.015	0.035		<0.005	0.0075	<0.005	0.0015 (J)	
4/4/2019			0.0059					0.0054
9/18/2019						<0.005	<0.005	0.0054
9/19/2019	0.014	0.036	0.0075	<0.005	0.0067			
2/5/2020		0.034	0.0061	<0.005	0.0063	<0.005	<0.005	
2/7/2020	0.014							0.0068
3/18/2020			0.0071	<0.005	0.0081			0.0086
3/19/2020	0.015	0.039				<0.005	<0.005	
9/22/2020	0.013							
9/23/2020		0.033	0.0054		0.007			0.0071
9/24/2020				<0.005		<0.005	<0.005	
2/3/2021	0.014			<0.005	0.0075			
2/4/2021		0.035	0.0049 (J)			<0.005	<0.005	0.0086
3/11/2021	0.013		0.0051			0.0037 (J)	0.0035 (J)	
3/12/2021		0.034		<0.005	0.0089			0.0096
8/25/2021				<0.005	0.0061	<0.005	<0.005	
8/26/2021	0.013	0.03	0.0044 (J)					0.0059
3/3/2022	0.014	0.03	0.0038 (J)	<0.005		0.0018 (J)	0.0019 (J)	0.0068
3/4/2022					0.0061			

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

Time Series

Constituent: Lithium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
8/16/2022	0.014			0.00092 (J)				
8/17/2022		0.028						0.0073
8/18/2022					0.0063	0.0024 (J)		
8/19/2022			0.0049 (J)				0.0021 (J)	
2/15/2023		0.033						0.0062
2/16/2023	0.01		0.0025 (J)	<0.005	0.0036 (J)	<0.005	<0.005	
8/15/2023	0.0084							
8/16/2023		0.03		<0.005	0.0056	<0.005	<0.005	0.0055
8/17/2023			0.0024 (J)					
2/13/2024	0.012							
2/14/2024		0.026			0.0045 (J)			
2/15/2024			0.0088			<0.005	<0.005	0.0055
2/16/2024				<0.005				
7/31/2024			0.0048 (J)	0.0025 (J)	0.0089	0.0026 (J)		0.01
8/1/2024	0.016	0.032						
8/2/2024							<0.005	
2/11/2025	0.011	0.029		<0.005	0.0032 (J)			
2/12/2025						<0.005	<0.005	
2/13/2025			<0.005					0.0052

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

Time Series

Constituent: Lithium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
5/18/2016	<0.005	<0.05						
7/19/2016	0.0091							
7/20/2016		0.0042 (J)						
9/14/2016	0.012	0.0058						
11/10/2016	0.013	0.0066						
11/11/2016			0.045					
1/20/2017		0.0044 (J)						
1/24/2017	0.011							
2/6/2017			0.05					
3/14/2017		0.0048 (J)						
3/15/2017	0.01		0.052					
4/11/2017			0.048					
4/25/2017	0.0081	0.0049 (J)						
4/26/2017			0.044					
6/7/2017			0.047					
7/11/2017			0.045					
8/9/2017	0.013	0.0067						
8/10/2017			0.056					
3/29/2018	0.015		0.072					
3/30/2018		0.0067						
6/14/2018	0.009	0.0046 (J)	0.048					
10/4/2018	0.012	0.005	0.062					
2/26/2019		0.0063						
2/27/2019	0.0075							
2/28/2019			0.045					
4/2/2019			0.052					
4/4/2019	0.0077	0.0042 (J)						
9/18/2019	0.0056	0.0047 (J)	0.052					
2/7/2020	0.0053	0.0045 (J)	0.044					
3/18/2020	0.0057	0.0054						
5/4/2020			0.049					
9/23/2020	0.0059	0.0056	0.056					
2/3/2021			0.06					
2/4/2021	0.0051	0.0047 (J)						
3/8/2021				0.11				
3/9/2021					0.022	0.011	<0.005	0.0084
3/11/2021	0.005	0.0049 (J)	0.051					
4/7/2021					0.031		<0.005	0.0077
4/8/2021				0.11		0.0081		
8/25/2021	0.0046 (J)	0.0048 (J)						
8/26/2021			0.057	0.11	0.032	0.011	<0.005	0.0076
1/11/2022					0.038	0.011	<0.005	0.0091
1/12/2022				0.15				
3/3/2022	0.0041 (J)		0.057		0.044			0.0066
3/4/2022		0.0042 (J)		0.14		0.011	0.0015 (J)	
6/6/2022					0.051		0.002 (J)	0.0044 (J)
6/7/2022				0.12		0.0093		
8/16/2022		0.0053			0.059			
8/17/2022	0.0042 (J)		0.056				0.0017 (J)	
8/18/2022				0.11				0.0036 (J)
8/19/2022						0.01		
2/15/2023	0.0044 (J)					0.009	<0.005	0.0068

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

Time Series

Constituent: Lithium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
2/16/2023		0.0026 (J)	0.053	0.14	0.053			
8/11/2023				0.13				
8/15/2023	<0.005							
8/16/2023		0.0031 (J)	0.062					
8/17/2023					0.061	0.0069	<0.005	0.0022 (J)
2/13/2024				0.15				
2/14/2024						0.0028 (J)		0.0044 (J)
2/15/2024	0.0032 (J)	0.0026 (J)	0.056		0.074		0.0044 (J)	
7/30/2024	<0.005							
7/31/2024		0.0029 (J)	0.067	0.16			0.0042 (J)	0.0067
8/1/2024					0.068			
8/2/2024						0.0086		
2/11/2025		0.0034 (J)						
2/12/2025	0.0024 (J)			0.14		0.0069		
2/13/2025			0.06		0.065		<0.005	0.0034 (J)

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

Time Series

Constituent: Lithium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-27	WGWC-28D	WAMW-1	WAMW-2	PZ-26D
10/16/2018					0.023	
10/18/2018				0.026		
3/8/2021	0.0046 (J)					
4/8/2021	0.0044 (J)					
8/26/2021	0.0044 (J)					
1/11/2022	0.0043 (J)					
3/4/2022	0.0035 (J)					
6/7/2022	0.004 (J)					
8/17/2022	0.0036 (J)					
10/19/2022		0.0072				
2/15/2023	0.0031 (J)					
2/16/2023		0.024				
8/11/2023		0.036				
8/15/2023	<0.005					
8/17/2023						0.028
9/26/2023			0.18			
11/7/2023			0.21			
2/14/2024			0.21			
2/15/2024	0.0063	0.038				0.031
7/31/2024	0.0037 (J)					
8/1/2024		0.029	0.2			0.032
12/9/2024					0.019	
1/8/2025				0.033		
2/12/2025	<0.005	0.026	0.19	<0.005	0.035	
2/13/2025						0.024

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

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/11/2025 1:44 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)
5/17/2016	<0.0002	<0.0002						<0.0002
5/18/2016			<0.0002	<0.0002	<0.0002	<0.0002	<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)				
9/13/2016	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002
9/14/2016					<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
3/13/2017	<0.0002	<0.0002						
3/14/2017			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	7.1E-05 (J)
4/24/2017	<0.0002	<0.0002						
4/25/2017			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/8/2017	<0.0002	<0.0002	<0.0002			<0.0002	<0.0002	<0.0002
8/9/2017				<0.0002	<0.0002			
8/25/2017					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
6/13/2018	<0.0002				<0.0002	<0.0002		<0.0002
6/14/2018		<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	
2/25/2019	<0.0002	<0.0002						
2/26/2019			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<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
3/16/2020	<0.0002	<0.0002						
3/17/2020			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/21/2020		<0.0002	<0.0002	<0.0002				
9/22/2020	<0.0002				<0.0002	<0.0002	<0.0002	<0.0002
2/2/2021	<0.0002	<0.0002	<0.0002	<0.0002			<0.0002	<0.0002
2/3/2021					<0.0002	<0.0002		
2/28/2022				<0.0002				
3/1/2022	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002		
3/3/2022							<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
2/14/2023	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002
2/15/2023				<0.0002				
8/14/2023	<0.0002	<0.0002						
8/15/2023			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/13/2024	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002
2/16/2024					<0.0002			
7/30/2024	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002
2/10/2025	<0.0002	<0.0002	<0.0002					
2/11/2025				<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 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
5/18/2016			<0.0002					<0.0002
5/19/2016	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002		
7/19/2016								9.3E-05 (J)
7/20/2016	<0.0002	<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		<0.0002
9/15/2016	0.00011 (J)							
11/10/2016						8.3E-05 (J)		8.5E-05 (J)
11/11/2016			8.5E-05 (J)	0.00011 (J)	7.9E-05 (J)			
11/14/2016	<0.0002							
1/24/2017								<0.0002
1/27/2017				<0.0002	<0.0002	<0.0002		
2/6/2017	7.8E-05 (J)		8.3E-05 (J)					
2/8/2017							<0.0002	
2/9/2017		<0.0002						
2/23/2017							<0.0002	
3/14/2017								7.1E-05 (J)
3/15/2017	0.00013 (J)	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	
4/25/2017								<0.0002
4/26/2017	<0.0002	<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		<0.0002
8/10/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
3/29/2018	<0.0002	<0.0002		<0.0002	0.00011 (J)	<0.0002	<0.0002	
3/30/2018			<0.0002					8.6E-05 (J)
6/14/2018	<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	
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	<0.0002	
2/7/2020	<0.0002							<0.0002
3/18/2020			<0.0002	<0.0002	<0.0002			<0.0002
3/19/2020	<0.0002	<0.0002				<0.0002	<0.0002	
9/22/2020	<0.0002							
9/23/2020		<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
3/3/2022	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002
3/4/2022					<0.0002			
8/16/2022	<0.0002			<0.0002				
8/17/2022		<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	
8/15/2023	<0.0002							
8/16/2023		<0.0002		<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 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
8/17/2023			<0.0002					
2/13/2024	<0.0002							
2/14/2024		<0.0002			<0.0002			
2/15/2024			<0.0002			<0.0002	<0.0002	<0.0002
2/16/2024				<0.0002				
7/31/2024			<0.0002	<0.0002	<0.0002	<0.0002		<0.0002
8/1/2024	<0.0002	<0.0002						
8/2/2024							<0.0002	
2/11/2025	<0.0002	<0.0002		<0.0002	<0.0002			
2/12/2025						<0.0002	<0.0002	
2/13/2025			<0.0002					<0.0002

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

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
5/18/2016	<0.0002	<0.0002						
7/19/2016	<0.0002							
7/20/2016		7.4E-05 (J)						
9/14/2016	<0.0002	<0.0002						
11/10/2016	0.00012 (J)	<0.0002						
11/11/2016			7.6E-05 (J)					
1/20/2017		<0.0002						
1/24/2017	7E-05 (J)							
2/6/2017			0.00012 (J)					
3/14/2017		<0.0002						
3/15/2017	<0.0002		<0.0002					
4/11/2017			<0.0002					
4/25/2017	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						
8/10/2017			<0.0002					
3/29/2018	<0.0002		<0.0002					
3/30/2018		<0.0002						
6/14/2018	<0.0002	<0.0002	<0.0002					
10/4/2018	<0.0002	<0.0002	<0.0002					
2/26/2019		<0.0002						
2/27/2019	<0.0002							
2/28/2019			<0.0002					
2/7/2020	<0.0002	<0.0002	<0.0002					
3/18/2020	<0.0002	<0.0002						
5/4/2020			<0.0002					
9/23/2020	<0.0002	<0.0002	<0.0002					
2/3/2021			<0.0002					
2/4/2021	<0.0002	<0.0002						
8/26/2021				0.00033	0.0002	0.00018 (J)	0.00022	0.00026
1/11/2022					<0.0002	<0.0002	<0.0002	<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		<0.0002	<0.0002	
6/6/2022					<0.0002		<0.0002	<0.0002
6/7/2022				<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		
2/15/2023	<0.0002					<0.0002	<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					
8/17/2023					<0.0002	<0.0002	<0.0002	<0.0002
2/13/2024				<0.0002				
2/14/2024						<0.0002		<0.0002
2/15/2024	<0.0002	<0.0002	<0.0002		<0.0002		<0.0002	
7/30/2024	<0.0002							

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

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
7/31/2024		<0.0002	<0.0002	<0.0002			<0.0002	<0.0002
8/1/2024					<0.0002			
8/2/2024						<0.0002		
2/11/2025		<0.0002						
2/12/2025	<0.0002			<0.0002		<0.0002		
2/13/2025			<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 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-27	WGWC-28D	WAMW-1	WAMW-2	PZ-26D
10/16/2018					<0.0002	
10/18/2018				<0.0002		
8/26/2021	0.0019					
1/11/2022	<0.0002					
3/4/2022	<0.0002					
6/7/2022	<0.0002					
8/17/2022	<0.0002					
10/19/2022		<0.0002				
2/15/2023	<0.0002					
2/16/2023		<0.0002				
8/11/2023		<0.0002				
8/15/2023	<0.0002					
8/17/2023						<0.0002
9/26/2023			<0.0002			
2/14/2024			<0.0002			
2/15/2024	<0.0002	<0.0002				<0.0002
7/31/2024	<0.0002					
8/1/2024		<0.0002	<0.0002			<0.0002
2/12/2025	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
2/13/2025						<0.0002

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

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 4/11/2025 1:44 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)
5/17/2016	<0.015	<0.015						0.00367 (J)
5/18/2016			<0.015	<0.015	<0.015	<0.015	<0.015	
7/19/2016	<0.015	<0.015			<0.015	<0.015	<0.015	0.002 (J)
7/20/2016			<0.015	<0.015				
9/13/2016	<0.015	<0.015	<0.015	<0.015		<0.015	<0.015	0.0014 (J)
9/14/2016					0.016 (O)			
11/9/2016	<0.015	<0.015				<0.015		<0.015
11/10/2016			<0.015	<0.015			<0.015	
1/17/2017	<0.015	<0.015						
1/18/2017			<0.015	<0.015		<0.015	0.001 (J)	
1/19/2017					<0.015			<0.015
3/13/2017	<0.015	<0.015						
3/14/2017			0.00087 (J)	<0.015	<0.015	<0.015	0.0014 (J)	0.0072 (J)
4/24/2017	<0.015	<0.015						
4/25/2017			0.00098 (J)	<0.015	<0.015	<0.015	<0.015	0.0036 (J)
8/8/2017	0.0017 (J)	<0.015	<0.015			<0.015	<0.015	<0.015
8/9/2017				<0.015	<0.015			
8/25/2017					<0.015			
3/27/2018	<0.015	<0.015						
3/28/2018			<0.015	<0.015	<0.015	<0.015	<0.015	0.00089 (J)
6/13/2018	<0.015				<0.015	<0.015		<0.015
6/14/2018		<0.015	<0.015	<0.015			<0.015	
9/24/2018		<0.015						
9/27/2018	<0.015							
9/28/2018								<0.015
10/2/2018						<0.015		
10/3/2018			<0.015	<0.015	<0.015		<0.015	
2/25/2019	<0.015	<0.015						
2/26/2019			<0.015	<0.015	<0.015	<0.015	<0.015	0.0019 (J)
4/1/2019	<0.015	<0.015						
4/2/2019			<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
9/16/2019	<0.015				0.001 (J)	0.001 (J)		
9/17/2019		<0.015		<0.015				<0.015
9/18/2019			<0.015				<0.015	
2/3/2020	<0.015	<0.015						
2/4/2020			<0.015	<0.015	<0.015	<0.015		
2/5/2020							<0.015	<0.015
3/16/2020	<0.015	<0.015						
3/17/2020			<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
9/21/2020		<0.015	<0.015	<0.015				
9/22/2020	<0.015				0.0025 (J)	<0.015	<0.015	0.00097 (J)
2/2/2021	<0.015	<0.015	<0.015	<0.015			<0.015	<0.015
2/3/2021					<0.015	<0.015		
3/10/2021		<0.015	<0.015	<0.015	<0.015		<0.015	<0.015
3/11/2021	<0.015					<0.015		
8/23/2021		<0.015						
8/24/2021	<0.015			<0.015	<0.015	<0.015	<0.015	
8/25/2021			<0.015					<0.015
2/28/2022				<0.015				
3/1/2022	<0.015	<0.015	<0.015		<0.015	<0.015		
3/3/2022							<0.015	<0.015
8/15/2022	<0.015	<0.015			<0.015	<0.015		

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

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 4/11/2025 1:44 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)
8/16/2022			<0.015	<0.015			<0.015	<0.015
2/14/2023	<0.015	<0.015	<0.015		<0.015	<0.015	<0.015	<0.015
2/15/2023				<0.015				
8/14/2023	<0.015	<0.015						
8/15/2023			<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
2/13/2024	<0.015	<0.015	<0.015	<0.015		<0.015	0.0012 (J)	<0.015
2/16/2024					<0.015			
7/30/2024	<0.015	<0.015	<0.015	<0.015		<0.015	<0.015	<0.015
2/10/2025	<0.015	<0.015	<0.015					
2/11/2025				<0.015		<0.015	<0.015	<0.015

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

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
5/18/2016			<0.015					0.0153
5/19/2016	<0.015	0.00762 (J)		<0.015	<0.015	0.00491 (J)		
7/19/2016								0.0093 (J)
7/20/2016	<0.015	0.0084 (J)	<0.015	<0.015	0.00095 (J)	0.0025 (J)		
9/14/2016		0.0071 (J)	0.00091 (J)	<0.015	0.0009 (J)	0.0028 (J)		0.012 (J)
9/15/2016	<0.015							
11/10/2016						0.0016 (J)		0.0065 (J)
11/11/2016			<0.015	<0.015	<0.015			
11/14/2016	<0.015							
1/24/2017								0.0049 (J)
1/27/2017				<0.015	<0.015	0.0023 (J)		
2/6/2017	<0.015		<0.015					
2/8/2017							<0.015	
2/9/2017		0.018						
2/23/2017							<0.015	
3/14/2017								0.0034 (J)
3/15/2017	<0.015	0.0057 (J)	<0.015	<0.015	<0.015	0.0022 (J)		
3/17/2017							<0.015	
4/11/2017		0.0047 (J)					<0.015	
4/25/2017								0.004 (J)
4/26/2017	<0.015	0.004 (J)	<0.015	<0.015	<0.015	0.0019 (J)	<0.015	
5/17/2017							<0.015	
6/7/2017							0.001 (J)	
7/11/2017							<0.015	
8/9/2017						0.0028 (J)		0.0042 (J)
8/10/2017	<0.015	0.0046 (J)	0.00093 (J)	0.0011 (J)	0.0046 (J)			
3/29/2018	<0.015	0.0048 (J)		<0.015	<0.015	0.0028 (J)	<0.015	
3/30/2018			<0.015					0.0049 (J)
6/14/2018	<0.015	0.0046 (J)	<0.015	<0.015	<0.015	0.0018 (J)	<0.015	0.0056 (J)
10/3/2018								0.0041 (J)
10/4/2018	<0.015	0.003 (J)	<0.015	<0.015	<0.015	<0.015	<0.015	
2/27/2019	<0.015		<0.015	<0.015	0.00063 (J)	0.0019 (J)	<0.015	0.0061
2/28/2019		0.0053						
4/3/2019	<0.015	0.0026 (J)		<0.015	<0.015	<0.015	<0.015	
4/4/2019			<0.015					0.0039 (J)
9/18/2019						0.0021 (J)	<0.015	0.0052
9/19/2019	<0.015	0.0048 (J)	<0.015	<0.015	0.00073 (J)			
2/5/2020		0.0044 (J)	<0.015	<0.015	<0.015	0.0012 (J)	<0.015	
2/7/2020	<0.015							0.0024 (J)
3/18/2020			<0.015	<0.015	<0.015			0.002 (J)
3/19/2020	<0.015	0.0042 (J)				0.0018 (J)	<0.015	
9/22/2020	<0.015							
9/23/2020		0.0027 (J)	<0.015		<0.015			0.0031 (J)
9/24/2020				0.0017 (J)		<0.015	<0.015	
2/3/2021	<0.015			<0.015	<0.015			
2/4/2021		0.003 (J)	<0.015			0.0012 (J)	<0.015	0.0022 (J)
3/11/2021	<0.015		<0.015			0.0013 (J)	<0.015	
3/12/2021		0.003 (J)		<0.015	0.00062 (J)			0.0019 (J)
8/25/2021				<0.015	<0.015	0.00092 (J)	<0.015	
8/26/2021	<0.015	0.0028 (J)	<0.015					0.0029 (J)
3/3/2022	<0.015	0.0027 (J)	<0.015	<0.015		0.00094 (J)	<0.015	0.0025 (J)
3/4/2022					<0.015			

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

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
8/16/2022	<0.015			<0.015				
8/17/2022		0.0027 (J)						0.0025 (J)
8/18/2022					<0.015	0.00087 (J)		
8/19/2022			<0.015				<0.015	
2/15/2023		0.0025 (J)						0.0027 (J)
2/16/2023	<0.015		<0.015	<0.015	<0.015	0.0013 (J)	<0.015	
8/15/2023	<0.015							
8/16/2023		0.0031 (J)		<0.015	<0.015	0.0012 (J)	<0.015	0.003 (J)
8/17/2023			<0.015					
2/13/2024	<0.015							
2/14/2024		0.0033 (J)			<0.015			
2/15/2024			<0.015			0.0012 (J)	<0.015	0.0021 (J)
2/16/2024				<0.015				
7/31/2024			<0.015	<0.015	<0.015	0.0011 (J)		0.0028 (J)
8/1/2024	<0.015	0.0028 (J)						
8/2/2024							<0.015	
2/11/2025	<0.015	0.0033 (J)		<0.015	<0.015			
2/12/2025						0.0013 (J)	<0.015	
2/13/2025			<0.015					0.0023 (J)

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

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
5/18/2016	<0.015	0.00526 (J)						
7/19/2016	<0.015							
7/20/2016		0.0066 (J)						
9/14/2016	<0.015	0.0081 (J)						
11/10/2016	<0.015	0.0076 (J)						
11/11/2016			<0.015					
1/20/2017		0.0094 (J)						
1/24/2017	<0.015							
2/6/2017			0.001 (J)					
3/14/2017		0.0044 (J)						
3/15/2017	<0.015		<0.015					
4/11/2017			<0.015					
4/25/2017	<0.015	0.0074 (J)						
4/26/2017			<0.015					
6/7/2017			0.0015 (J)					
7/11/2017			<0.015					
8/9/2017	<0.015	0.0066 (J)						
8/10/2017			0.0016 (J)					
3/29/2018	<0.015		0.0012 (J)					
3/30/2018		0.0024 (J)						
6/14/2018	<0.015	0.0026 (J)	0.0014 (J)					
10/4/2018	<0.015	0.00085 (J)	<0.015					
2/26/2019		0.0032 (J)						
2/27/2019	<0.015							
2/28/2019			0.0013 (J)					
4/2/2019			<0.015					
4/4/2019	<0.015	0.002 (J)						
9/18/2019	<0.015	0.0026 (J)	0.0011 (J)					
2/7/2020	<0.015	0.0025 (J)	0.0014 (J)					
3/18/2020	<0.015	0.0024 (J)						
5/4/2020			0.0013 (J)					
9/23/2020	<0.015	0.0027 (J)	0.0013 (J)					
2/3/2021			0.0013 (J)					
2/4/2021	<0.015	0.0025 (J)						
3/11/2021	<0.015	0.0022 (J)	0.0012 (J)					
8/25/2021	<0.015	0.0022 (J)						
8/26/2021			0.0011 (J)	0.00079 (J)	0.044	<0.015	<0.015	<0.015
1/11/2022					0.037	<0.015	<0.015	<0.015
1/12/2022				0.00062 (J)				
3/3/2022	<0.015		0.0013 (J)		0.036			<0.015
3/4/2022		0.0021 (J)		<0.015		0.00084 (J)	<0.015	
6/6/2022					0.032		<0.015	<0.015
6/7/2022				<0.015		<0.015		
8/16/2022		0.0024 (J)			0.042			
8/17/2022	<0.015		0.001 (J)				<0.015	
8/18/2022				<0.015				<0.015
8/19/2022						<0.015		
2/15/2023	<0.015					<0.015	<0.015	<0.015
2/16/2023		0.0022 (J)	0.0014 (J)	<0.015	0.034			
8/11/2023				<0.015				
8/15/2023	<0.015							
8/16/2023		0.0023 (J)	0.0013 (J)					

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

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
8/17/2023					0.029	<0.015	<0.015	<0.015
2/13/2024				<0.015				
2/14/2024						<0.015		<0.015
2/15/2024	<0.015	0.0023 (J)	0.0014 (J)		0.023		<0.015	
7/30/2024	<0.015							
7/31/2024		0.0023 (J)	0.0012 (J)	<0.015			<0.015	<0.015
8/1/2024					0.027			
8/2/2024						0.0082 (J)		
2/11/2025		0.0023 (J)						
2/12/2025	<0.015			0.00087 (J)		<0.015		
2/13/2025			0.0014 (J)		0.027		<0.015	<0.015

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-27	WGWC-28D	WAMW-1	WAMW-2	PZ-26D
10/16/2018					<0.015	
10/18/2018				0.0028 (J)		
8/26/2021	<0.015					
1/11/2022	<0.015					
3/4/2022	<0.015					
6/7/2022	<0.015					
8/17/2022	<0.015					
10/19/2022		<0.015				
2/15/2023	<0.015					
2/16/2023		<0.015				
8/11/2023		<0.015				
8/15/2023	<0.015					
8/17/2023						0.0025 (J)
9/26/2023			0.018			
2/14/2024			0.0094 (J)			
2/15/2024	<0.015	<0.015				0.0024 (J)
7/31/2024	<0.015					
8/1/2024		<0.015	0.0089 (J)			0.0028 (J)
2/12/2025	<0.015	<0.015	0.0088 (J)	<0.015	0.0023 (J)	
2/13/2025						0.0027 (J)

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

Time Series

Constituent: pH, Field (SU) Analysis Run 4/11/2025 1:44 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)
5/17/2016	5.24	6.23						7.81
5/18/2016			5.55	7.23	5.47	7.92	5.5	
7/19/2016	5.43	6.285413			5.336672	7.154587	5.430599	7.250493
7/20/2016			5.656628	7.281557				
9/13/2016	5.22	6.3	5.63	7.15		7.96	5.57	7.18
9/14/2016					7.29			
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
4/24/2017	5.4	6.35						
4/25/2017			5.59	6.84	5.35	7.73	5.57	6.93
8/8/2017	5.32	6.23	5.52			7.74	5.6	6.72
8/9/2017				6.67	5.25			
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
3/27/2018	5.39	6.14						
3/28/2018			5.6	6.79	5.95	7.28	5.29	6.84
6/13/2018	5.33				5.13	7.78		6.31
6/14/2018		6.02	5.58	6.67			5.39	
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	
2/25/2019	5.25	6.02						
2/26/2019			5.6	6.74	5.21	7.87	5.62	7.66
4/1/2019	5.31	6.09						
4/2/2019			5.69	6.81	5.25	7.94	5.6	7.53
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	
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
3/16/2020	5.29	6.01						
3/17/2020			5.61	6.83	5.34	7.95	5.32	6.36
9/21/2020		6.05	5.35	6.81				
9/22/2020	5.09				6.78	7.4	5.36	7.18
2/2/2021	5.36	6.1	5.78	6.61			5.84	6.48
2/3/2021					5.3	7.76		
3/10/2021		6.11	5.49	7.19	5.22		4.96	5.8
3/11/2021	5.26					7.93		
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
2/28/2022				7.14				
3/1/2022	5.32	6.2	5.59		5.47	7.86		

Time Series

Constituent: pH, Field (SU) Analysis Run 4/11/2025 1:44 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)
3/3/2022							5.44	5.94
8/15/2022	5.28	6.04			6.54	7.76		
8/16/2022			5.46	6.92			5.32	6.19
2/14/2023	5.37	6.06	5.49		5.3	7.78	5.44	5.89
2/15/2023				7.21				
8/14/2023	5.09	6.06						
8/15/2023			5.17	6.47	6.6	7.93	5.49	6.01
2/13/2024	5.46	5.97	5.52	7.1		7.75	6.19	5.84
2/16/2024					5.23			
7/30/2024	5.27	5.9	5.52	7.13		7.88	5.43	6.47
2/10/2025	5.4	6.44	5.25					
2/11/2025				7.58		8.01	6.08	5.74

Time Series

Constituent: pH, Field (SU) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
5/18/2016			8.96					7.75
5/19/2016	5.99	6.31		5.93	6.91	6.85		
7/19/2016								7.876073
7/20/2016	6.194334	6.345061	8.56774	5.97	6.962608	6.705264		
9/1/2016					6.96			
9/14/2016		6.33				6.7		7.79
9/15/2016	6.38							
11/10/2016						6.5		7.76
11/11/2016			6.96	6.03	6.76			
11/14/2016	5.7							
1/24/2017								7.71
1/27/2017				6.21	6.66	6.47		
2/6/2017	5.66		6.93					
2/8/2017							5.81	
2/23/2017							5.8	
3/14/2017								7.57
3/15/2017	5.77	5.99	6.82	5.97	6.3	6.75		
3/17/2017							5.97	
4/11/2017							6.18	
4/25/2017								7.47
4/26/2017	5.39	6.03	6.73	6.17	6.67	6.57	6.09	
5/17/2017							6.26	
6/7/2017							6.21	
7/11/2017							6	
8/9/2017						6.55		7.37
8/10/2017	5.59	5.86	6.66	6.05	6.7			
10/11/2017							6.97	7.42
10/12/2017	5.46	6.09	6.67	6.89	6.89	6.67		
3/29/2018	5.43	5.89		6.85	7.08	6.99	6.51	
3/30/2018			6.98					7.48
6/14/2018	5.76	6.47	6.56	5.89	6.73	6.39	5.76	7.5
10/3/2018								7.11
10/4/2018	5.39	6.17	6.4	5.81	6.79	6.5	5.97	
2/27/2019	5.55		6.23	5.78	6.7	6.47	5.73	7.4
2/28/2019		6.54						
4/3/2019	5.55	6.1		6.07	6.91	6.47	5.68	
4/4/2019			6.46					7.58
9/18/2019						6.46	5.5	7.8
9/19/2019	5.39	6.38	6.45	5.82	6.63			
2/5/2020		6.536418	6.415246	5.891838	6.763076	6.440089	5.523207	
2/7/2020	5.376234							7.657187
3/18/2020			6.4	5.89	6.93			7.73
3/19/2020	6.43	6.64				6.56	5.49	
9/22/2020	5.17							
9/23/2020		5.8	6.14		6.42			7.35
9/24/2020				5.5		6.29	5.16	
2/3/2021	5.08			5.21	6.15			
2/4/2021		6.22	6.21			6.34	5.76	7.77
3/11/2021	5.35		6.56			5.95	5.1	
3/12/2021		5.88		5.46	6.66			7.72
8/25/2021				5.66	6.69	6.27	5.39	
8/26/2021	5.36	5.84	6.31					7.58

Time Series

Constituent: pH, Field (SU) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
3/3/2022	5.21	5.86	6.36	5.59		6.31	5.4	7.61
3/4/2022					6.79			
8/16/2022	5.4			5.56				
8/17/2022		5.8						7.54
8/18/2022					6.52	6.15		
8/19/2022			6.2				5.25	
2/15/2023		5.86						7.72
2/16/2023	5.22		6.39	5.69	6.61	6.27	5.4	
8/15/2023	5.43							
8/16/2023		5.78		5.19	6.1	6.22	5.17	7.41
8/17/2023			6.49					
2/13/2024	5.31							
2/14/2024		6.13			6.67			
2/15/2024			6.41			6.3	5.18	7.88
2/16/2024				5.6				
7/31/2024			6.21	5.6	6.74	6.22		7.67
8/1/2024	5.38	5.77						
8/2/2024							5.09	
2/11/2025	5.23	5.86		5.54	6.63			
2/12/2025						6.32	5.44	
2/13/2025			6.27					7.87

Time Series

Constituent: pH, Field (SU) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
5/18/2016	6.06	6.41						
7/19/2016	5.88							
7/20/2016		6.662463						
9/14/2016	5.89	6.7						
11/10/2016	5.6	6.51						
11/11/2016			6.93					
1/20/2017		6.55						
1/24/2017	5.54							
2/6/2017			6.8					
3/14/2017		6.27						
3/15/2017	5.39		6.78					
4/11/2017			6.79					
4/25/2017	5.28	6.36						
4/26/2017			6.82					
6/7/2017			6.76					
7/11/2017			6.99					
8/9/2017	5.46	6.47						
8/10/2017			6.59					
10/11/2017	5.45	6.47						
10/12/2017			6.7					
3/29/2018	5.33		6.88					
3/30/2018		6.71						
6/14/2018	5.35	6.15	6.72					
10/4/2018	5.28	6.14	6.67					
2/26/2019		6.17						
2/27/2019	5.08							
2/28/2019			6.98					
4/2/2019			6.75					
4/4/2019	5.19	6.16						
9/18/2019	5.19	6.17	6.71					
2/7/2020	5.168839	6.341561	7.078448					
3/18/2020	5.08	6.3						
5/4/2020			6.9					
9/23/2020	5.05	5.89	6.59					
2/3/2021			6.75					
2/4/2021	5.42	6.31						
3/8/2021				5.54				
3/9/2021					7.29	5.56	5.81	4.29
3/11/2021	5.21	5.96	7.12					
4/7/2021					7.05		5.57	4.43
4/8/2021				5.6		6.01		
8/25/2021	5.25	6.09						
8/26/2021			6.66	5.37	6.88	5.4	5.8	4.33
1/11/2022					6.68	5.4	5.61	4.39
1/12/2022				5.19				
3/3/2022	5.22		6.69		6.88			4.39
3/4/2022		6.21		5.23		5.34	5.74	
6/6/2022					6.69		5.73	4.52
6/7/2022				5.39		5.41		
8/16/2022		6.02			6.72			
8/17/2022	5.24		6.6				5.64	
8/18/2022				5.29				4.42

Time Series

Constituent: pH, Field (SU) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
8/19/2022						5.34		
2/15/2023	5.19					5.47	5.49	4.54
2/16/2023		6.28	6.8	5.17	6.92			
8/11/2023				5.31				
8/15/2023	5.07							
8/16/2023		6.13	6.44					
8/17/2023					6.86	5.41	5.66	4.35
2/13/2024				5.34				
2/14/2024						5.84		4.72
2/15/2024	5.31	6.16	6.87		6.7		5.62	
7/30/2024	5.26							
7/31/2024		6.04	6.54	5.47			5.44	4.41
8/1/2024					6.73			
8/2/2024						5.36		
2/11/2025		6.26						
2/12/2025	5.42			5.33		5.47		
2/13/2025			6.7		6.63		5.58	4.49

Time Series

Constituent: pH, Field (SU) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-27	WGWC-28D	WAMW-1	WAMW-2	PZ-26D
10/16/2018					7.17	
10/18/2018				7.61		
3/8/2021	5.36					
3/9/2021						6.19
4/7/2021						6.46
4/8/2021	5.39					
8/26/2021	5.3					
1/11/2022	5.26					
3/4/2022	5.21					
6/7/2022	5.32					
8/17/2022	5.28					
10/19/2022		5.93				
2/15/2023	5.36					
2/16/2023		5.91				
8/11/2023		6.07				
8/15/2023	5.97					
8/17/2023						6.11
9/26/2023			7.33			
11/7/2023			6.48			
2/14/2024			6.47			
2/15/2024	6.24	6.23				6.48
7/31/2024	5.97					
8/1/2024		6.11	7			6.33
12/9/2024					6.54	
2/12/2025	6.19	6.02	6.64	7.45	6.41	
2/13/2025						6.4

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/11/2025 1:44 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)
5/17/2016	<0.005	<0.005						<0.005
5/18/2016			<0.005	<0.005	<0.005	<0.005	<0.005	
7/19/2016	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005
7/20/2016			<0.005	<0.005				
9/13/2016	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
9/14/2016					<0.005			
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					<0.005			<0.005
3/13/2017	<0.005	<0.005						
3/14/2017			0.00026 (J)	<0.005	<0.005	<0.005	<0.005	0.0028
4/24/2017	<0.005	<0.005						
4/25/2017			0.00035 (J)	<0.005	<0.005	<0.005	<0.005	0.0018
8/8/2017	0.0013	<0.005	<0.005			<0.005	<0.005	<0.005
8/9/2017				<0.005	<0.005			
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
6/13/2018	<0.005				0.00025 (J)	<0.005		<0.005
6/14/2018		<0.005	<0.005	0.00032 (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			<0.005	<0.005	<0.005		<0.005	
2/25/2019	<0.005	<0.005						
2/26/2019			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4/1/2019	<0.005	<0.005						
4/2/2019			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
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	
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
3/16/2020	<0.005	0.0026 (J)						
3/17/2020			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/21/2020		<0.005	<0.005	<0.005				
9/22/2020	<0.005				<0.005	<0.005	<0.005	<0.005
2/2/2021	<0.005	<0.005	<0.005	<0.005			<0.005	<0.005
2/3/2021					<0.005	<0.005		
3/10/2021		<0.005	<0.005	<0.005	<0.005		<0.005	<0.005
3/11/2021	<0.005					<0.005		
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
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
8/15/2022	<0.005	<0.005			<0.005	<0.005		

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/11/2025 1:44 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)
8/16/2022			<0.005	<0.005			<0.005	<0.005
2/14/2023	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005
2/15/2023				<0.005				
8/14/2023	<0.005	<0.005						
8/15/2023			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/13/2024	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
2/16/2024					<0.005			
7/30/2024	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
2/10/2025	<0.005	<0.005	<0.005					
2/11/2025				<0.005		<0.005	<0.005	<0.005

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
5/18/2016			<0.005					<0.005
5/19/2016	0.00518 (J)	0.00228 (J)		<0.005	<0.005	<0.005		
7/19/2016								<0.005
7/20/2016	0.0038	0.0016	<0.005	<0.005	<0.005	<0.005		
9/14/2016		0.0024	<0.005	<0.005	<0.005	<0.005		<0.005
9/15/2016	0.0034							
11/10/2016						<0.005		<0.005
11/11/2016			<0.005	<0.005	<0.005			
11/14/2016	0.0033							
1/24/2017								<0.005
1/27/2017				<0.005	<0.005	<0.005		
2/6/2017	0.0033		<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	0.003	0.0031	<0.005	<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	0.0032	0.0019	<0.005	<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		<0.005
8/10/2017	0.0031	0.0021	0.00031 (J)	0.00049 (J)	0.0021			
3/29/2018	0.0034	0.0021		<0.005	<0.005	<0.005	0.0003 (J)	
3/30/2018			<0.005					<0.005
6/14/2018	0.0031	0.0025	<0.005	<0.005	<0.005	<0.005	<0.005	0.0005 (J)
10/3/2018								<0.005
10/4/2018	0.0033	0.002	<0.005	<0.005	<0.005	<0.005	<0.005	
2/27/2019	0.0035		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/28/2019		0.0027						
4/3/2019	0.0031	0.0019		<0.005	<0.005	<0.005	<0.005	
4/4/2019			<0.005					<0.005
9/18/2019						<0.005	<0.005	<0.005
9/19/2019	0.0021 (J)	0.0026 (J)	<0.005	<0.005	<0.005			
2/5/2020		0.0033 (J)	<0.005	<0.005	<0.005	<0.005	<0.005	
2/7/2020	0.0048 (J)							<0.005
3/18/2020			<0.005	<0.005	<0.005			<0.005
3/19/2020	0.0037 (J)	0.0033 (J)				<0.005	<0.005	
9/22/2020	0.0039 (J)							
9/23/2020		0.0029 (J)	<0.005		<0.005			<0.005
9/24/2020				<0.005		<0.005	<0.005	
2/3/2021	0.0036 (J)			<0.005	<0.005			
2/4/2021		0.003 (J)	<0.005			<0.005	<0.005	<0.005
3/11/2021	0.0038 (J)		<0.005			<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	<0.005	
8/26/2021	0.0037 (J)	0.0028 (J)	<0.005					<0.005
3/3/2022	0.0038 (J)	0.0021 (J)	<0.005	<0.005		<0.005	<0.005	<0.005
3/4/2022					<0.005			

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
8/16/2022	0.0075			<0.005				
8/17/2022		0.0022 (J)						<0.005
8/18/2022					<0.005	<0.005		
8/19/2022			<0.005				<0.005	
2/15/2023		0.0037 (J)						<0.005
2/16/2023	0.0033 (J)		<0.005	<0.005	<0.005	<0.005	<0.005	
8/15/2023	0.0037 (J)							
8/16/2023		0.0036 (J)		<0.005	<0.005	<0.005	<0.005	<0.005
8/17/2023			<0.005					
2/13/2024	0.007							
2/14/2024		0.0022 (J)			<0.005			
2/15/2024			<0.005			<0.005	<0.005	<0.005
2/16/2024				<0.005				
7/31/2024			<0.005	<0.005	<0.005	<0.005		<0.005
8/1/2024	0.0071	0.0032 (J)						
8/2/2024							<0.005	
2/11/2025	0.0048 (J)	0.0029 (J)		<0.005	<0.005			
2/12/2025						<0.005	<0.005	
2/13/2025			<0.005					<0.005

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
5/18/2016	0.00735 (J)	<0.005						
7/19/2016	0.0075							
7/20/2016		<0.005						
9/14/2016	0.0091	<0.005						
11/10/2016	0.0056	<0.005						
11/11/2016			<0.005					
1/20/2017		<0.005						
1/24/2017	0.012							
2/6/2017			<0.005					
3/14/2017		<0.005						
3/15/2017	0.012		<0.005					
4/11/2017			<0.005					
4/25/2017	0.013	<0.005						
4/26/2017			<0.005					
6/7/2017			<0.005					
7/11/2017			<0.005					
8/9/2017	0.016	<0.005						
8/10/2017			0.00036 (J)					
3/29/2018	0.016		<0.005					
3/30/2018		<0.005						
6/14/2018	0.012	<0.005	<0.005					
10/4/2018	0.013	<0.005	<0.005					
2/26/2019		<0.005						
2/27/2019	0.0081							
2/28/2019			<0.005					
4/2/2019			<0.005					
4/4/2019	0.0091	<0.005						
9/18/2019	0.0044 (J)	<0.005	<0.005					
2/7/2020	0.0036 (J)	<0.005	<0.005					
3/18/2020	0.0046 (J)	<0.005						
5/4/2020			<0.005					
9/23/2020	0.0028 (J)	<0.005	<0.005					
2/3/2021			<0.005					
2/4/2021	0.0023 (J)	<0.005						
3/11/2021	0.0023 (J)	<0.005	<0.005					
8/25/2021	0.0019 (J)	<0.005						
8/26/2021			<0.005	0.0016 (J)	<0.005	0.0049 (J)	0.002 (J)	<0.005
1/11/2022					<0.005	0.0065	0.0024 (J)	<0.005
1/12/2022				<0.005				
3/3/2022	0.0018 (J)		<0.005		<0.005			0.00077 (J)
3/4/2022		<0.005		0.0014 (J)		0.0072	0.002 (J)	
6/6/2022					<0.005		0.0018 (J)	<0.005
6/7/2022				0.0014 (J)		0.0047 (J)		
8/16/2022		<0.005			<0.005			
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	<0.005	0.0017 (J)	<0.005			
8/11/2023				0.0016 (J)				
8/15/2023	0.0018 (J)							
8/16/2023		<0.005	<0.005					

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
8/17/2023					<0.005	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	<0.005		<0.005		0.003 (J)	
7/30/2024	0.0015 (J)							
7/31/2024		<0.005	<0.005	0.0043 (J)			0.0027 (J)	<0.005
8/1/2024					<0.005			
8/2/2024						0.0036 (J)		
2/11/2025		<0.005						
2/12/2025	<0.005			0.0026 (J)		0.003 (J)		
2/13/2025			<0.005		<0.005		0.0031 (J)	<0.005

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-27	WGWC-28D	WAMW-1	WAMW-2	PZ-26D
10/16/2018					<0.005	
10/18/2018				<0.005		
8/26/2021	<0.005					
1/11/2022	<0.005					
3/4/2022	<0.005					
6/7/2022	<0.005					
8/17/2022	<0.005					
10/19/2022		<0.005				
2/15/2023	<0.005					
2/16/2023		<0.005				
8/11/2023		<0.005				
8/15/2023	<0.005					
8/17/2023						<0.005
9/26/2023			<0.005			
2/14/2024			<0.005			
2/15/2024	<0.005	<0.005				<0.005
7/31/2024	<0.005					
8/1/2024		<0.005	<0.005			<0.005
2/12/2025	<0.005	<0.005	<0.005	<0.005	<0.005	
2/13/2025						<0.005

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

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/11/2025 1:44 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)
5/17/2016	<1	1.14						19.9
5/18/2016			0.821 (J)	5.32	0.955 (J)	8.88	0.368 (J)	
7/19/2016	<1	1.4			0.76 (J)	9	<1	14
7/20/2016			0.82 (J)	6.5				
9/13/2016	<1	1.1	0.81 (J)	5.6		8.5	<1	11
9/14/2016					3.4			
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
3/13/2017	<1	0.97 (J)						
3/14/2017			0.83 (J)	4.6	1.4	2	<1	10
4/24/2017	<1	0.75 (J)						
4/25/2017			0.7 (J)	6.6	0.89 (J)	8.2	<1	10
8/8/2017	<1	1.1	0.82 (J)			8.5	<1	12
8/9/2017				7.3	0.75 (J)			
8/25/2017					<1			
10/10/2017	<1	1.3						
10/11/2017			0.72 (J)	6.8	<1	8.3	<1	11
3/27/2018	<1	0.72 (J)						
3/28/2018			<1	6.8	0.88 (J)	8.1	<1	12
6/13/2018	<1				<1	8.3		8.2
6/14/2018		0.84 (J)	<1	6.9			<1	
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	
4/1/2019	<1	1						
4/2/2019			1.1	8.1	0.94 (J)	8.5	0.4 (J)	11
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	
3/16/2020	0.42 (J)	1.3						
3/17/2020			1.2	12	4	12	0.86 (J)	8.5
9/21/2020		1.1	0.77 (J)	7.7				
9/22/2020	<1				1.5	8	0.38 (J)	9
3/10/2021		0.9 (J)	0.91 (J)	8.1	<1		<1	7.1
3/11/2021	<1					8.4		
8/23/2021		1.3						
8/24/2021	<1			7.9	2.8	8.9	<1	
8/25/2021			0.79 (J)					8.2
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
8/15/2022	<1	0.54 (J)			1.6	7.5		
8/16/2022			0.52 (J)	6.9			<1	7.2
2/14/2023	<1	0.66 (J)	0.65 (J)		0.66 (J)	7.9	<1	7.3
2/15/2023				7.8				
8/14/2023	<1	0.74 (J)						
8/15/2023			0.71 (J)	7.4	1.2	7.3	0.45 (J)	6.8

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

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/11/2025 1:44 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)
2/13/2024	<1	0.64 (J)	0.68 (J)	6.2		6.7	0.56 (J)	5.1
2/16/2024					1.5			
7/30/2024	<1	0.81 (J)	0.73 (J)	7.7		7.7	<1	8.6
2/10/2025	<1	1.1	1.1					
2/11/2025				8.1		7.9	0.7 (J)	8.4

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

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
5/18/2016			2.84					50.7
5/19/2016	146	35.9		1.83	15.8	19.2		
7/19/2016								62
7/20/2016	150	37	2.8	1.6	16	11		
9/14/2016		39	2.8	1.5	16	8.6		79
9/15/2016	140							
11/10/2016						5.7		61
11/11/2016			2.6	1.4	14			
11/14/2016	160							
1/24/2017								34
1/27/2017				2.5	15	6.8		
2/6/2017	180		2.7					
2/8/2017							4.3	
2/9/2017		60						
2/23/2017							16	
3/14/2017								43
3/15/2017	170	44	2.7	2.5	17	11		
3/17/2017							22	
4/11/2017		36					13	
4/25/2017								39
4/26/2017	180	37	2.5	2.2	15	8.1	20	
5/17/2017							12	
6/7/2017							8.1	
7/11/2017							17	
8/9/2017						8.1		35
8/10/2017	180	38	2.2	2.3	16			
10/11/2017							3.4	48
10/12/2017	180	37	1.9	1.9	14	6.1		
3/29/2018	180	37		2.2	16	6.5	4.6	
3/30/2018			1.9					42
6/14/2018	170	37	2	1.7	14	5	5.8	44
10/3/2018								49
10/4/2018	780	38	1.9	1.6	14	4.3	2.8	
4/3/2019	180	41		1.9	13	3.8	3.8	
4/4/2019			2.2					41
9/18/2019						3.9	1.7	37
9/19/2019	190	42	2.1	1.3	14			
3/18/2020			2.1	1.6	12			17
3/19/2020	200	45				4	1.5	
9/22/2020	200							
9/23/2020		54	1.8		12			21
9/24/2020				2.7		0.63 (J)	1.2	
3/11/2021	220		2.8			2.9	1.7	
3/12/2021		62		2	14			19
8/25/2021				1.1	13	1.8	<1	
8/26/2021	220	52	1.8					16
3/3/2022	250	58	2	2.3		3	1.3	18
3/4/2022					14			
8/16/2022	220			0.98 (J)				
8/17/2022		50						14
8/18/2022					11	1.7		
8/19/2022			1.6				<1	

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

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
2/15/2023		65						14
2/16/2023	250		1.8	1	2.8	2.3	0.47 (J)	
8/15/2023	240							
8/16/2023		50		1	12	2.1	0.52 (J)	13
8/17/2023			1.7					
2/13/2024	190							
2/14/2024		37			8.8			
2/15/2024			3.2			4.3	1.2	16
2/16/2024				2.1				
7/31/2024			1.9	1	12	2.2		14
8/1/2024	250	50						
8/2/2024							0.6 (J)	
2/11/2025	280	26		0.41 (J)	13			
2/12/2025						2.6	0.45 (J)	
2/13/2025			1.9					13

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
5/18/2016	388	32.1						
7/19/2016	460							
7/20/2016		9.7						
9/14/2016	500	6.6						
11/10/2016	530	5.2						
11/11/2016			3.4					
1/20/2017		5.3						
1/24/2017	600							
2/6/2017			3.7					
3/14/2017		9.6						
3/15/2017	610		3.6					
4/11/2017			3.2					
4/25/2017	620	20						
4/26/2017			3.3					
6/7/2017			3.8					
7/11/2017			3.3					
8/9/2017	780	6.5						
8/10/2017			3.7					
10/11/2017	720	13						
10/12/2017			3.6					
3/29/2018	700		3.4					
3/30/2018		16						
6/14/2018	620	16	3.5					
10/4/2018	560	15	4.6					
4/2/2019			3.8					
4/4/2019	250	9.1						
9/18/2019	130	7.3	3.6					
3/18/2020	120	4.2						
5/4/2020			4.5					
9/23/2020	85	4.4	3					
3/8/2021				240				
3/9/2021					230	80	14	140
3/11/2021	64	3.9	4					
4/7/2021					190		5.1	160
4/8/2021				240		60		
8/25/2021	63	3.3						
8/26/2021			3.5	290	190	100	7.5	170
1/11/2022					260	140	5.3	160
1/12/2022				360				
3/3/2022	57		4.8		250			130
3/4/2022		3.6		390		150	5	
6/6/2022					140		5.3	67
6/7/2022				280		96		
8/16/2022		3.4			240			
8/17/2022	49		2.8				5.5	
8/18/2022				280				49
8/19/2022						87		
2/15/2023	54					110	5.2	120
2/16/2023		2.6	3	350	340			
8/11/2023				330				
8/15/2023	52							
8/16/2023		2.6	2.6					

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
8/17/2023					310	71	4.9	50
2/13/2024				280				
2/14/2024						64		55
2/15/2024	50	5.4	5.7		420		8.7	
7/30/2024	41							
7/31/2024		3	3.2	380			5.6	43
8/1/2024					320			
8/2/2024						55		
2/11/2025		3.4						
2/12/2025	40			470		66		
2/13/2025			3.3		350		7.3	79

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-27	WGWC-28D	WAMW-1	WAMW-2	PZ-26D
10/16/2018					9.5	
10/18/2018				3.7		
3/8/2021	4.7					
3/9/2021						46
4/7/2021						48
4/8/2021	5.8					
8/26/2021	13					
1/11/2022	21					
3/4/2022	21					
6/7/2022	22					
8/17/2022	25					
10/19/2022		12				
2/15/2023	27					
2/16/2023		29				
8/11/2023		31				
8/15/2023	19					
8/17/2023						31
9/26/2023			380			
11/7/2023			480			
2/14/2024			300			
2/15/2024	21	37				36
7/31/2024	22					
8/1/2024		26	490			53
12/9/2024					5.6	
1/8/2025				3.5		
2/12/2025	17	27	300	37	4.1	
2/13/2025						24

Time Series

Constituent: TDS (mg/L) Analysis Run 4/11/2025 1:44 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)
5/17/2016	<10	100						112
5/18/2016			29	101	33	113	31	
7/19/2016	14	84			<5	92	<5	80
7/20/2016			<5	86				
9/13/2016	50	70	12	28		100	<5	120
9/14/2016					150			
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
3/13/2017	<10	58						
3/14/2017			22	110	32	110	26	70
4/24/2017	10	94						
4/25/2017			22	86	22	100	10	70
8/8/2017	<10	62	4 (J)			90	<5	72
8/9/2017				92	20			
8/25/2017					<5			
10/10/2017	44	140						
10/11/2017			10	110	4 (J)	98	42	90
3/27/2018	18	92						
3/28/2018			34	110	12	130	6	120
6/13/2018	24				<5	110		38
6/14/2018		80	26	92			14	
9/24/2018		76						
9/27/2018	28							
9/28/2018								68
10/2/2018						130		
10/3/2018			50	100	24		6	
4/1/2019	<10	63						
4/2/2019			28	100	25	110	15	100
9/16/2019	27				41	110		
9/17/2019		120		120				76
9/18/2019			36				35	
3/16/2020	23	90						
3/17/2020			20	100	18	120	19	81
9/21/2020		100	22	92				
9/22/2020	24				190	130	15	96
3/10/2021		100	20	100	19		20	72
3/11/2021	24					110		
8/23/2021		110						
8/24/2021	32			110	150	120	24	
8/25/2021			21					92
2/28/2022				95				
3/1/2022	30	92	31		23	140		
3/3/2022							17	43
8/15/2022	45	100			140	120		
8/16/2022			30	110			22	60
2/14/2023	34	100	27		24	120	24	42
2/15/2023				100				
8/14/2023	37	110						
8/15/2023			34	110	82	130	29	56

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

Time Series

Constituent: TDS (mg/L) Analysis Run 4/11/2025 1:44 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)
2/13/2024	36	140	34	110		120	51	43
2/16/2024					34			
7/30/2024	34	100	31	100		110	23	63
2/10/2025	37	120	34					
2/11/2025				110		120	84	46

Time Series

Constituent: TDS (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
5/18/2016			70					190
5/19/2016	311	134		39	101	127		
7/19/2016								180
7/20/2016	290	120	42	<10	76	88		
9/14/2016		140	40	24	96	92		230
9/15/2016	270							
11/10/2016						100		210
11/11/2016			72	42	100			
11/14/2016	320							
1/24/2017								140
1/27/2017				18	50	80		
2/6/2017	330		24					
2/8/2017							54	
2/9/2017		180						
2/23/2017							78	
3/14/2017								220
3/15/2017	370	160	78	54	120	100		
3/17/2017							56	
4/11/2017		120					76	
4/25/2017								180
4/26/2017	380	140	48	42	100	92	76	
5/17/2017							68	
6/7/2017							72	
7/11/2017							68	
8/9/2017						120		180
8/10/2017	380	130	38	30	96			
10/11/2017							68	200
10/12/2017	450	120	72	54	100	110		
3/29/2018	500	130		62	120	120	48	
3/30/2018			64					210
6/14/2018	410	120	40	16	94	88	52	170
10/3/2018								260
10/4/2018	520	140	60	56	110	100	130	
4/3/2019	430	120		<10	66	72	31	
4/4/2019			30					170
9/18/2019						110	33	160
9/19/2019	440	130	52	27	89			
3/18/2020			58	26	73			160
3/19/2020	540	160				95	18	
9/22/2020	600							
9/23/2020		150	50		90			150
9/24/2020				60		21	24	
3/11/2021	530		52			63	24	
3/12/2021		130		27	78			130
8/25/2021				32	110	53	30	
8/26/2021	550	170	60					150
3/3/2022	530	140	45	21		71	17	140
3/4/2022					89			
8/16/2022	580			33				
8/17/2022		150						140
8/18/2022					88	89		
8/19/2022			63				26	

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

Time Series

Constituent: TDS (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
2/15/2023		160						130
2/16/2023	590		54	33	89	81	27	
8/15/2023	680							
8/16/2023		110		33	92	84	29	150
8/17/2023			56					
2/13/2024	620							
2/14/2024		150			85			
2/15/2024			53			84	31	130
2/16/2024				31				
7/31/2024			56	35	92	85		140
8/1/2024	570	150						
8/2/2024							31	
2/11/2025	630	140		35	96			
2/12/2025						84	28	
2/13/2025			58					140

Time Series

Constituent: TDS (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
5/18/2016	1080	107						
7/19/2016	1200							
7/20/2016		78						
9/14/2016	1300	82						
11/10/2016	1400	98						
11/11/2016			98					
1/20/2017		82						
1/24/2017	1300							
2/6/2017			36					
3/14/2017		120						
3/15/2017	1500		120					
4/11/2017			68					
4/25/2017	1700	120						
4/26/2017			76					
6/7/2017			74					
7/11/2017			70					
8/9/2017	1900	92						
8/10/2017			66					
10/11/2017	1900	74						
10/12/2017			100					
3/29/2018	2200		110					
3/30/2018		100						
6/14/2018	1500	100	74					
10/4/2018	1700	98	100					
4/2/2019			88					
4/4/2019	710	89						
9/18/2019	520	79	96					
3/18/2020	370	98						
5/4/2020			110					
9/23/2020	250	60	94					
3/8/2021				590				
3/9/2021					610	200	79	370
3/11/2021	190	75	100					
4/7/2021					520		66	510
4/8/2021				540		170		
8/25/2021	220	84						
8/26/2021			94	720	480	240	88	420
1/11/2022					580	270	67	320
1/12/2022				1200				
3/3/2022	170		98		580			280
3/4/2022		55		1100		260	69	
6/6/2022					670		90	210
6/7/2022				920		210		
8/16/2022		81			530			
8/17/2022	170		93				85	
8/18/2022				760				140
8/19/2022						190		
2/15/2023	160					210	71	230
2/16/2023		77	100	960	630			
8/11/2023				910				
8/15/2023	160							
8/16/2023		81	100					

Time Series

Constituent: TDS (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
8/17/2023					690	180	73	150
2/13/2024				1200				
2/14/2024						210		180
2/15/2024	150	79	100		740		76	
7/30/2024	120							
7/31/2024		83	97	1200			81	120
8/1/2024					630			
8/2/2024						170		
2/11/2025		81						
2/12/2025	120			1300		150		
2/13/2025			100		610		140	160

Time Series

Constituent: TDS (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-27	WGWC-28D	WAMW-1	WAMW-2	PZ-26D
10/16/2018					110	
10/18/2018				120		
3/8/2021	220					
3/9/2021						180
4/7/2021						410
4/8/2021	180					
8/26/2021	200					
1/11/2022	220					
3/4/2022	200					
6/7/2022	240					
8/17/2022	210					
10/19/2022		92				
2/15/2023	200					
2/16/2023		160				
8/11/2023		180				
8/15/2023	180					
8/17/2023						150
9/26/2023			1400			
11/7/2023			1600			
2/14/2024			1700			
2/15/2024	130	170				160
7/31/2024	210					
8/1/2024		170	1700			200
12/9/2024					120	
1/8/2025				120		
2/12/2025	170	160	2000	130	140	
2/13/2025						150

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/11/2025 1:44 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)
5/17/2016	<0.001	<0.001						<0.001
5/18/2016			<0.001	<0.001	<0.001	<0.001	<0.001	
7/19/2016	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001
7/20/2016			<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)			
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
3/13/2017	<0.001	<0.001						
3/14/2017			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/24/2017	<0.001	<0.001						
4/25/2017			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/8/2017	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001
8/9/2017				<0.001	<0.001			
8/25/2017					<0.001			
3/27/2018	<0.001	<0.001						
3/28/2018			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
6/13/2018	<0.001				<0.001	<0.001		<0.001
6/14/2018		<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	
2/25/2019	<0.001	<0.001						
2/26/2019			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2019	<0.001	<0.001						
4/2/2019			<0.001	<0.001	<0.001	<0.001	<0.001	<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	
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
3/16/2020	0.00036 (J)	0.0003 (J)						
3/17/2020			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/21/2020		<0.001	<0.001	<0.001				
9/22/2020	<0.001				<0.001	<0.001	<0.001	<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		
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		
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
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
8/15/2022	<0.001	<0.001			<0.001	<0.001		

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/11/2025 1:44 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)
8/16/2022			<0.001	<0.001			<0.001	<0.001
2/14/2023	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
2/15/2023				<0.001				
8/14/2023	<0.001	<0.001						
8/15/2023			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/13/2024	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
2/16/2024					<0.001			
7/30/2024	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
2/10/2025	<0.001	<0.001	<0.001					
2/11/2025				<0.001		<0.001	<0.001	<0.001

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
5/18/2016			<0.001					<0.001
5/19/2016	<0.001	<0.001		<0.001	<0.001	<0.001		
7/19/2016								<0.001
7/20/2016	<0.001	<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
9/15/2016	<0.001							
11/10/2016						<0.001		<0.001
11/11/2016			<0.001	<0.001	<0.001			
11/14/2016	<0.001							
1/24/2017								<0.001
1/27/2017				<0.001	<0.001	<0.001		
2/6/2017	<0.001		<0.001					
2/8/2017							0.00011 (J)	
2/9/2017		<0.001						
2/23/2017							0.00012 (J)	
3/14/2017								<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
4/26/2017	<0.001	<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		<0.001
8/10/2017	<0.001	<0.001	<0.001	<0.001	<0.001			
3/29/2018	<0.001	<0.001		<0.001	<0.001	<0.001	0.0002 (J)	
3/30/2018			8.5E-05 (J)					<0.001
6/14/2018	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00014 (J)	<0.001
10/3/2018								<0.001
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00013 (J)	
2/27/2019	<0.001		<0.001	<0.001	<0.001	<0.001	0.00016 (J)	<0.001
2/28/2019		<0.001						
4/3/2019	<0.001	<0.001		<0.001	<0.001	<0.001	0.00012 (J)	
4/4/2019			<0.001					<0.001
9/18/2019						<0.001	<0.001	<0.001
9/19/2019	<0.001	<0.001	<0.001	<0.001	<0.001			
2/5/2020		<0.001	<0.001	<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
3/19/2020	<0.001	<0.001				<0.001	0.00017 (J)	
9/22/2020	<0.001							
9/23/2020		<0.001	<0.001		<0.001			<0.001
9/24/2020				<0.001		<0.001	<0.001	
2/3/2021	<0.001			0.00016 (J)	<0.001			
2/4/2021		<0.001	<0.001			<0.001	0.00021 (J)	<0.001
3/11/2021	<0.001		<0.001			<0.001	0.00019 (J)	
3/12/2021		<0.001		<0.001	<0.001			<0.001
8/25/2021				<0.001	<0.001	<0.001	<0.001	
8/26/2021	<0.001	<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			

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15
8/16/2022	<0.001			<0.001				
8/17/2022		<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	
8/15/2023	<0.001							
8/16/2023		<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
8/17/2023			<0.001					
2/13/2024	<0.001							
2/14/2024		<0.001			<0.001			
2/15/2024			<0.001			<0.001	<0.001	<0.001
2/16/2024				<0.001				
7/31/2024			<0.001	<0.001	<0.001	<0.001		<0.001
8/1/2024	<0.001	<0.001						
8/2/2024							<0.001	
2/11/2025	<0.001	<0.001		<0.001	<0.001			
2/12/2025						<0.001	<0.001	
2/13/2025			<0.001					<0.001

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
5/18/2016	<0.001	<0.001						
7/19/2016	8.5E-05 (J)							
7/20/2016		<0.001						
9/14/2016	0.00017 (J)	<0.001						
11/10/2016	0.00017 (J)	<0.001						
11/11/2016			<0.001					
1/20/2017		<0.001						
1/24/2017	0.00023 (J)							
2/6/2017			<0.001					
3/14/2017		<0.001						
3/15/2017	0.00021 (J)		<0.001					
4/11/2017			<0.001					
4/25/2017	0.00024 (J)	<0.001						
4/26/2017			<0.001					
6/7/2017			<0.001					
7/11/2017			<0.001					
8/9/2017	0.0002 (J)	<0.001						
8/10/2017			<0.001					
3/29/2018	0.00019 (J)		<0.001					
3/30/2018		<0.001						
6/14/2018	0.00017 (J)	<0.001	<0.001					
10/4/2018	0.00015 (J)	<0.001	<0.001					
2/26/2019		<0.001						
2/27/2019	0.00015 (J)							
2/28/2019			<0.001					
4/2/2019			<0.001					
4/4/2019	9.5E-05 (J)	<0.001						
9/18/2019	<0.001	<0.001	<0.001					
2/7/2020	<0.001	<0.001	<0.001					
3/18/2020	<0.001	<0.001						
5/4/2020			<0.001					
9/23/2020	<0.001	<0.001	<0.001					
2/3/2021			0.00018 (J)					
2/4/2021	<0.001	<0.001						
3/11/2021	<0.001	<0.001	<0.001					
8/25/2021	<0.001	<0.001						
8/26/2021			<0.001	<0.001	<0.001	<0.001	<0.001	0.00072 (J)
1/11/2022					<0.001	<0.001	<0.001	0.00062 (J)
1/12/2022				<0.001				
3/3/2022	<0.001		<0.001		<0.001			0.0006 (J)
3/4/2022		<0.001		<0.001		0.00047 (J)	<0.001	
6/6/2022					<0.001		<0.001	0.00052 (J)
6/7/2022				<0.001		<0.001		
8/16/2022		<0.001			<0.001			
8/17/2022	<0.001		<0.001				<0.001	
8/18/2022				<0.001				0.0003 (J)
8/19/2022						<0.001		
2/15/2023	<0.001					<0.001	<0.001	0.00045 (J)
2/16/2023		<0.001	<0.001	<0.001	<0.001			
8/11/2023				<0.001				
8/15/2023	<0.001							
8/16/2023		<0.001	<0.001					

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24
8/17/2023					<0.001	<0.001	<0.001	0.00028 (J)
2/13/2024				<0.001				
2/14/2024						<0.001		0.00033 (J)
2/15/2024	<0.001	<0.001	<0.001		<0.001		<0.001	
7/30/2024	<0.001							
7/31/2024		<0.001	<0.001	<0.001			<0.001	0.00031 (J)
8/1/2024					<0.001			
8/2/2024						<0.001		
2/11/2025		<0.001						
2/12/2025	<0.001			<0.001		<0.001		
2/13/2025			<0.001		<0.001		<0.001	<0.001

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

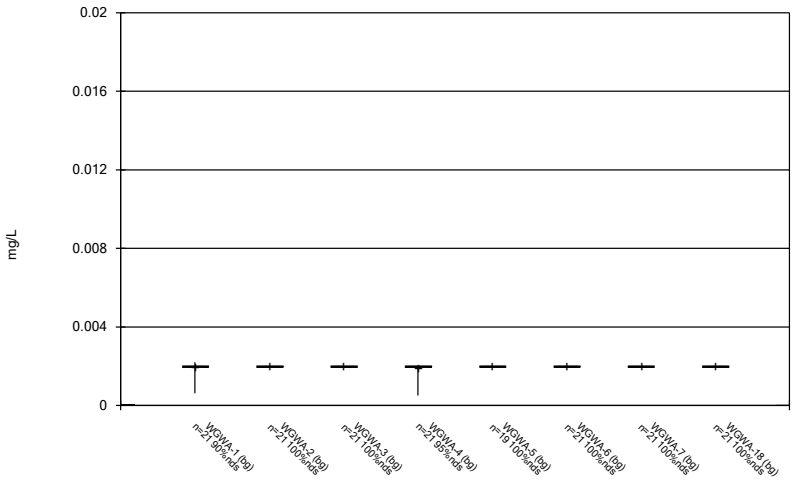
	WGWC-25	WGWC-27	WGWC-28D	WAMW-1	WAMW-2	PZ-26D
10/16/2018					<0.001	
10/18/2018				<0.001		
8/26/2021	<0.001					
1/11/2022	<0.001					
3/4/2022	<0.001					
6/7/2022	<0.001					
8/17/2022	<0.001					
10/19/2022		<0.001				
2/15/2023	<0.001					
2/16/2023		<0.001				
8/11/2023		<0.001				
8/15/2023	<0.001					
8/17/2023						<0.001
9/26/2023			<0.001			
2/14/2024			<0.001			
2/15/2024	<0.001	<0.001				<0.001
7/31/2024	<0.001					
8/1/2024		<0.001	<0.001			<0.001
2/12/2025	<0.001	<0.001	<0.001	<0.001	<0.001	
2/13/2025						<0.001

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

FIGURE B.

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

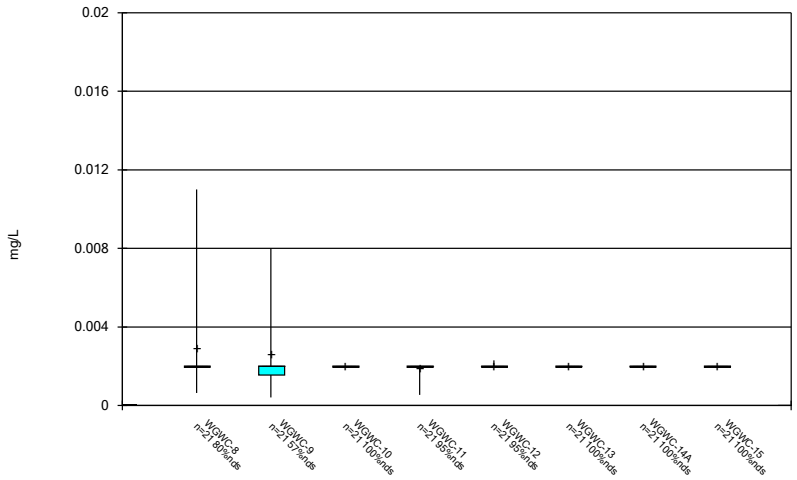
Box & Whiskers Plot



Constituent: Antimony Analysis Run 4/11/2025 1:44 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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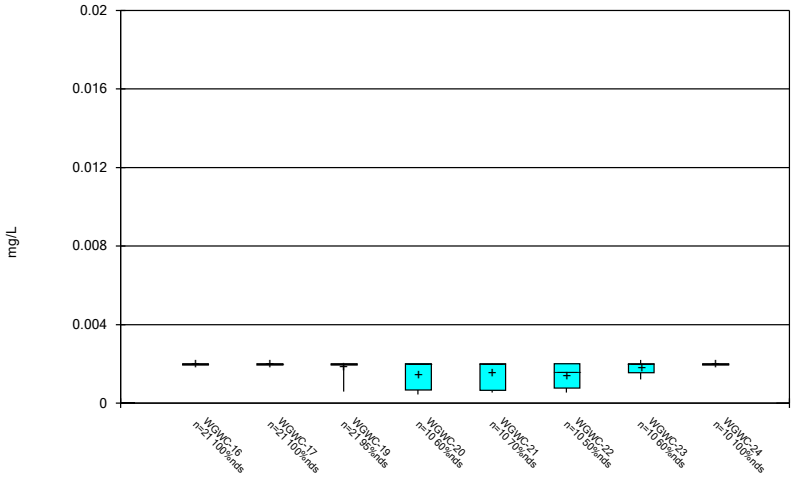
Box & Whiskers Plot



Constituent: Antimony Analysis Run 4/11/2025 1:44 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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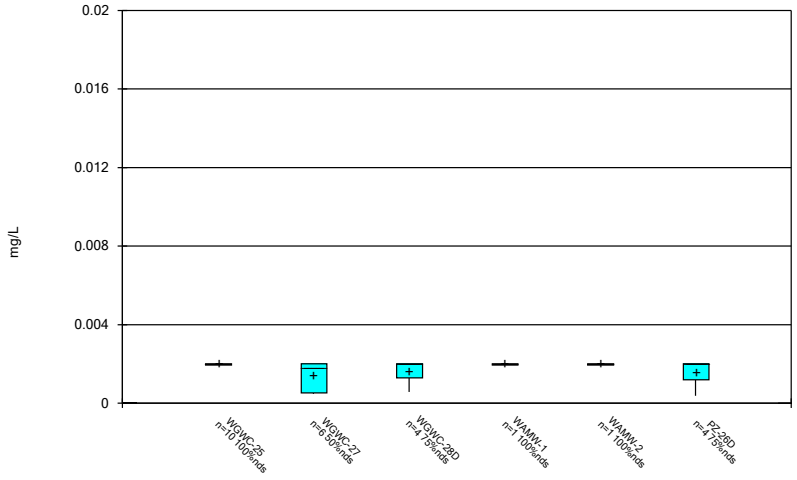
Box & Whiskers Plot



Constituent: Antimony Analysis Run 4/11/2025 1:44 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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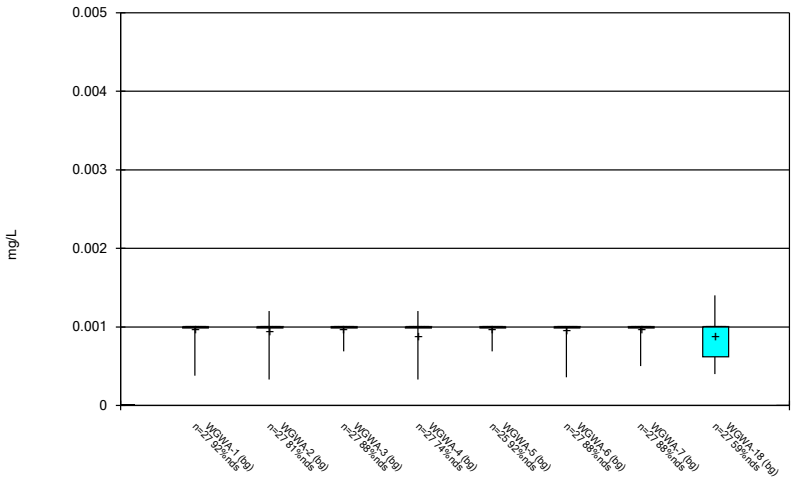
Box & Whiskers Plot



Constituent: Antimony Analysis Run 4/11/2025 1:44 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

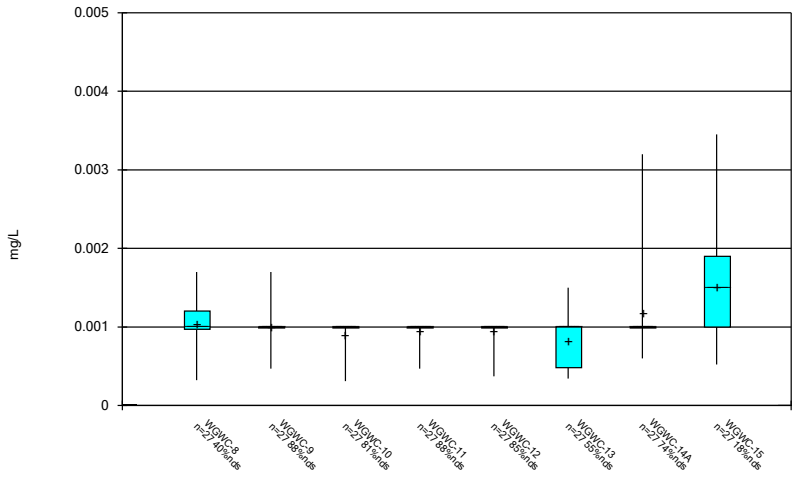


Constituent: Arsenic Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

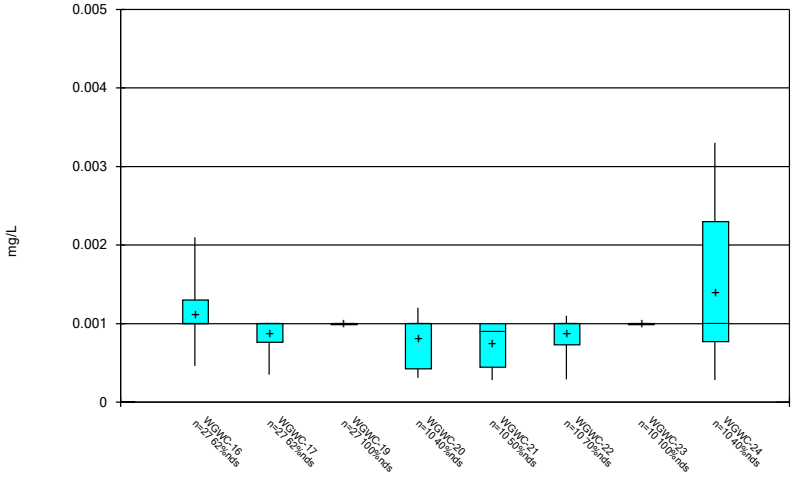


Constituent: Arsenic Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

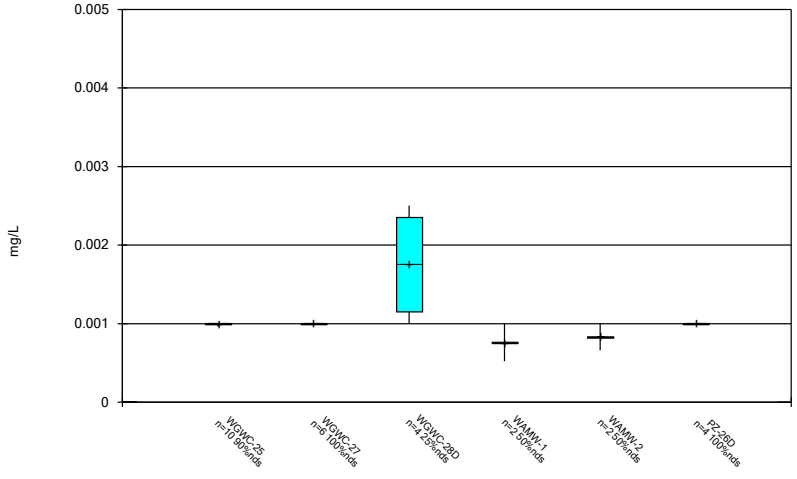


Constituent: Arsenic Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

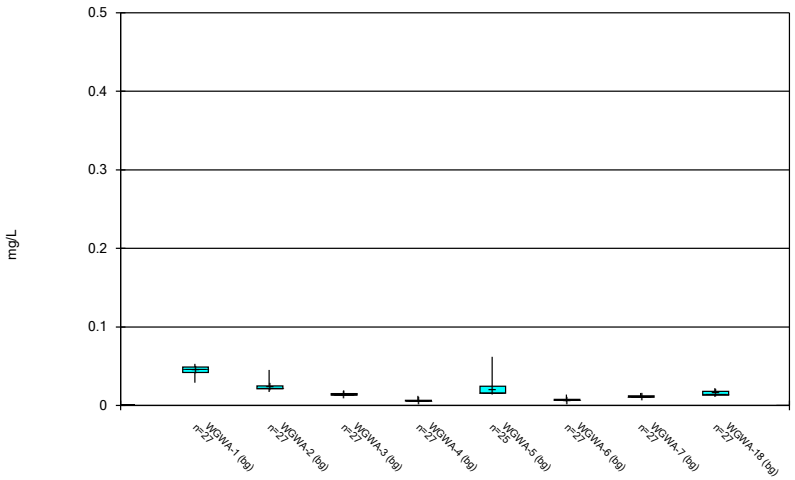


Constituent: Arsenic Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

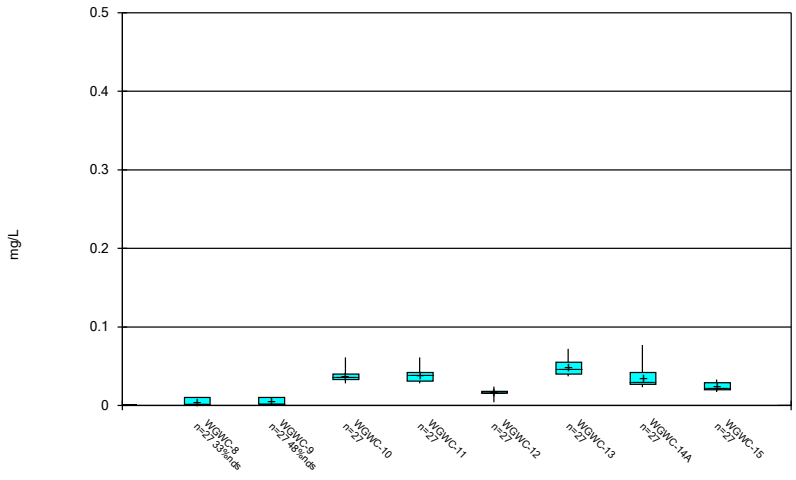


Constituent: Barium Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

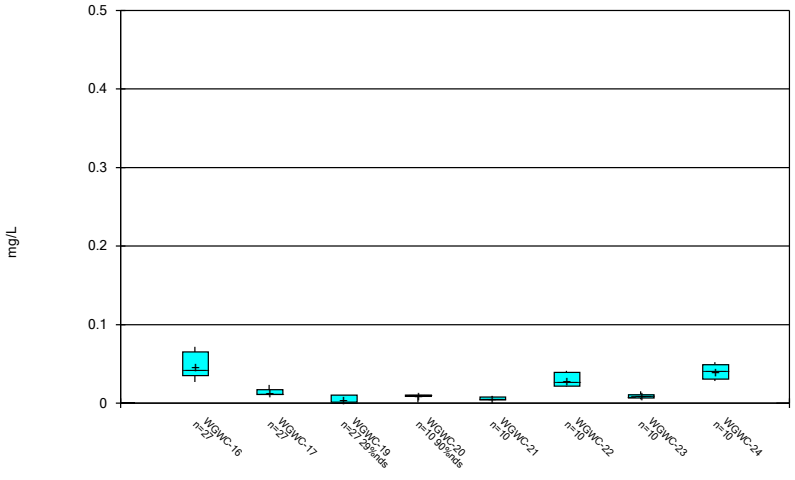


Constituent: Barium Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

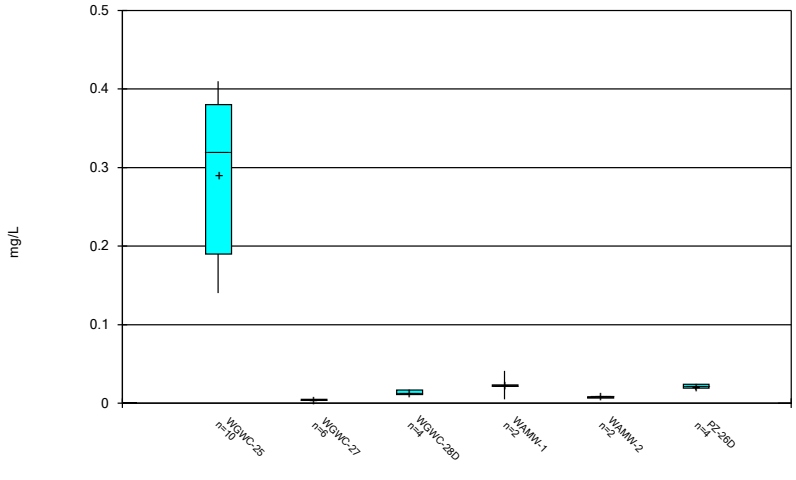


Constituent: Barium Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

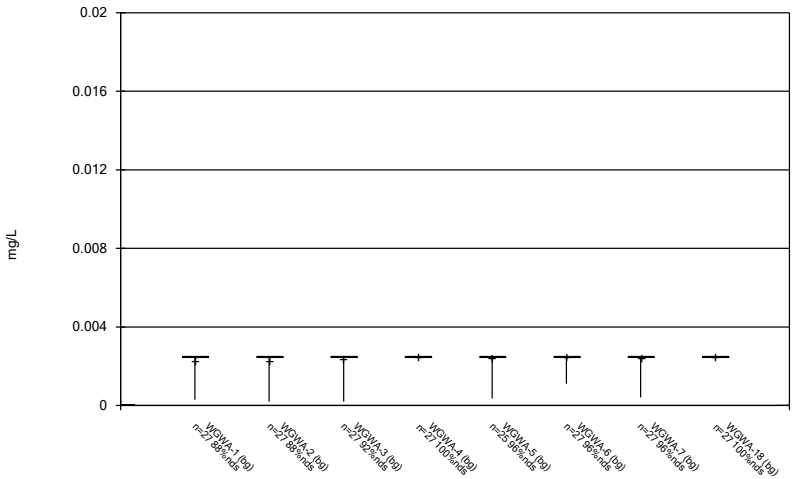


Constituent: Barium Analysis Run 4/11/2025 1:44 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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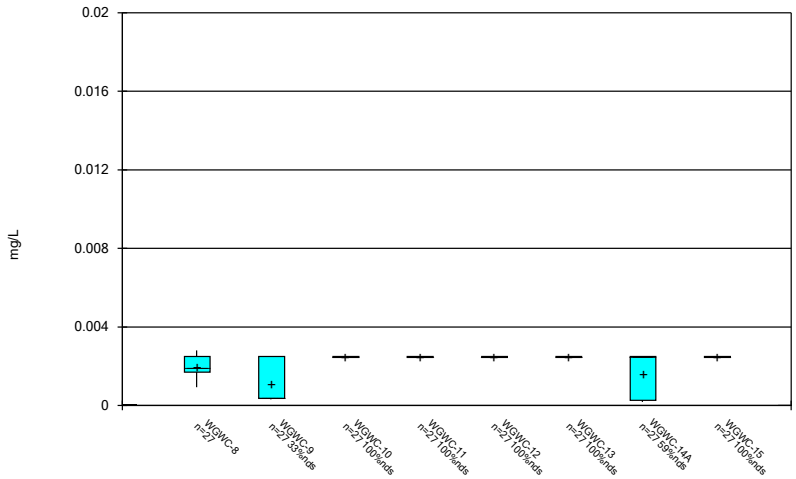
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 4/11/2025 1:44 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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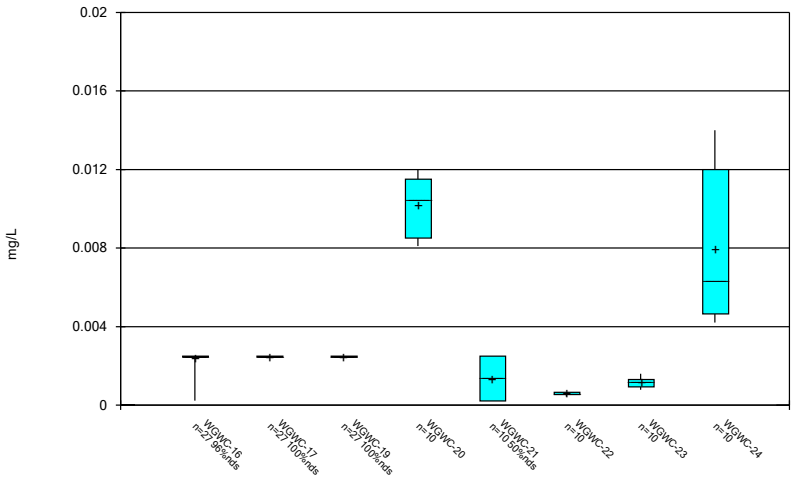
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 4/11/2025 1:44 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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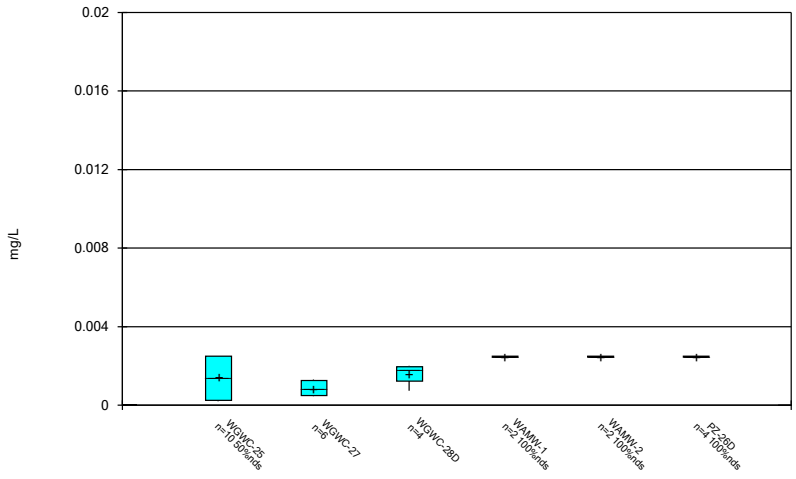
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 4/11/2025 1:45 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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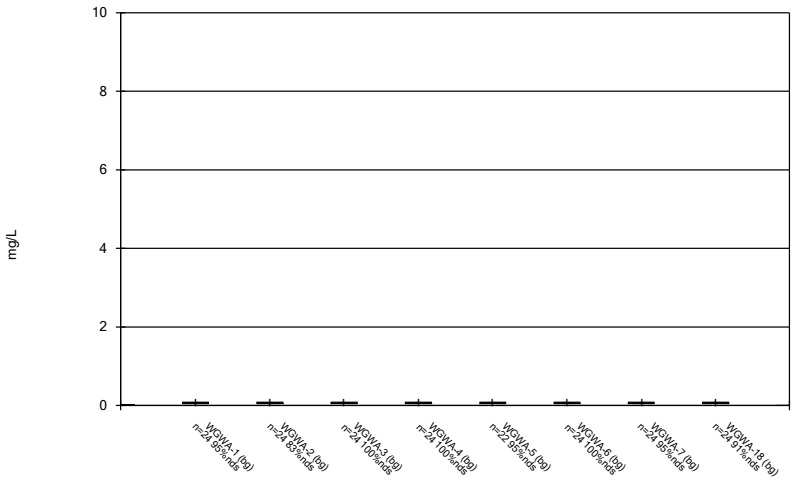
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 4/11/2025 1:45 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

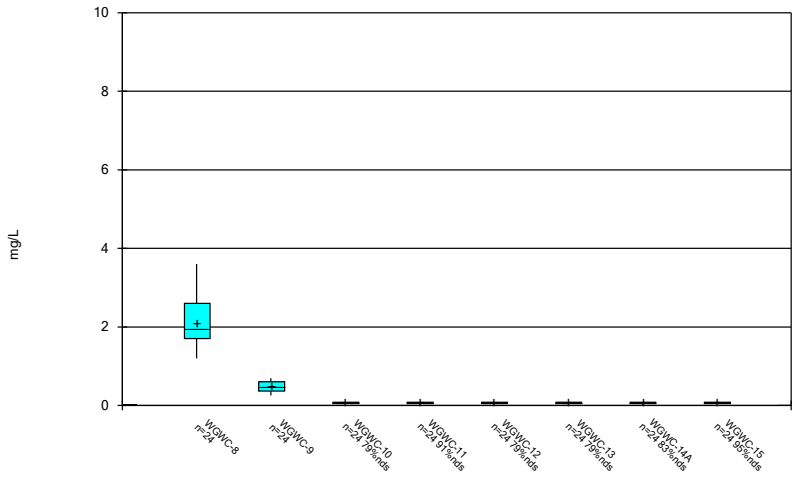


Constituent: Boron Analysis Run 4/11/2025 1:45 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

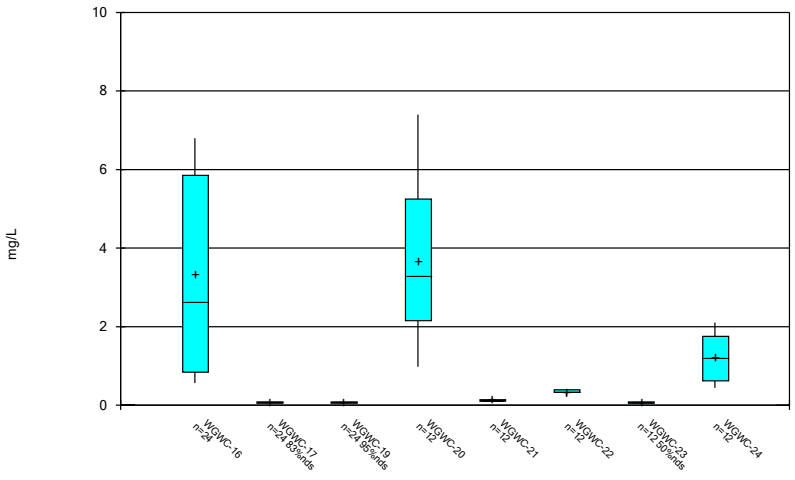


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

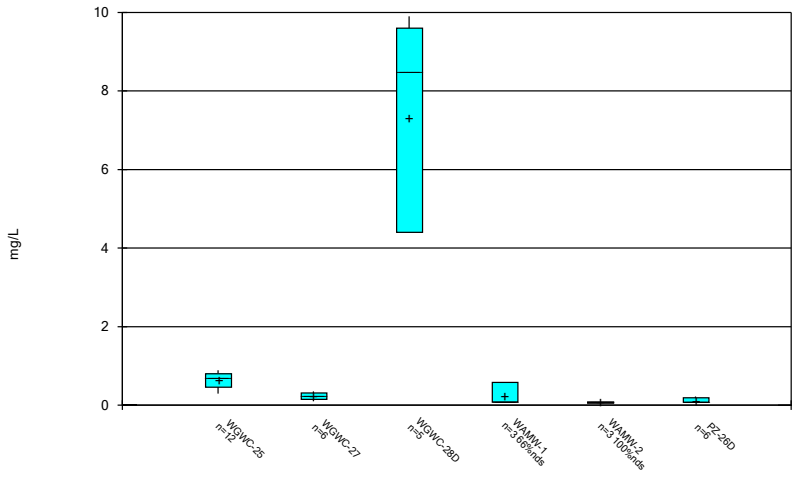


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

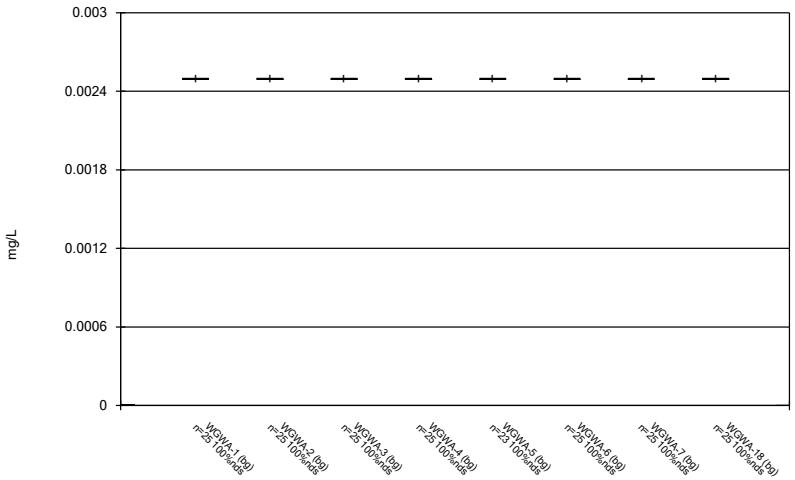


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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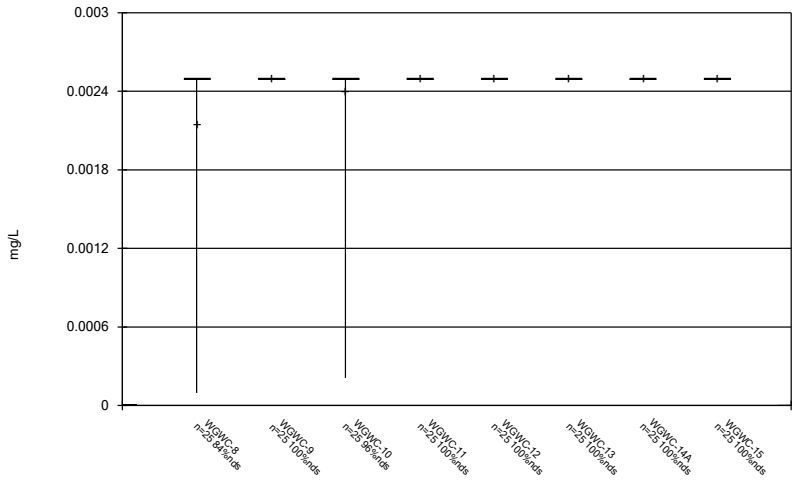
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley AP 1

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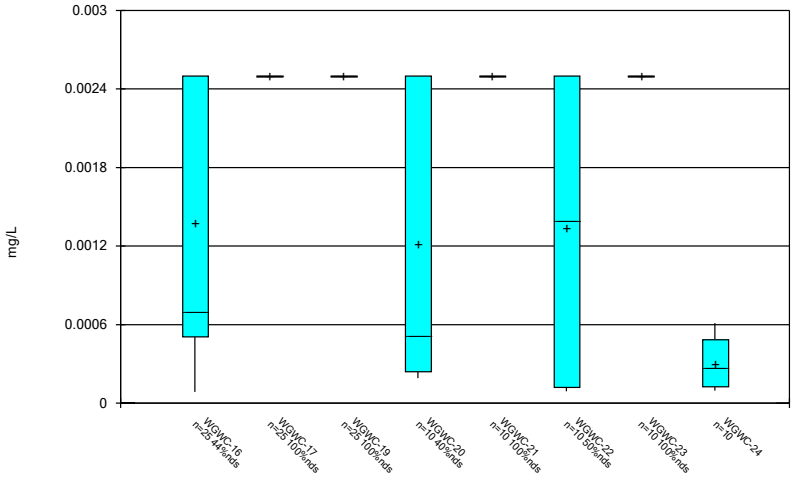
Box & Whiskers Plot



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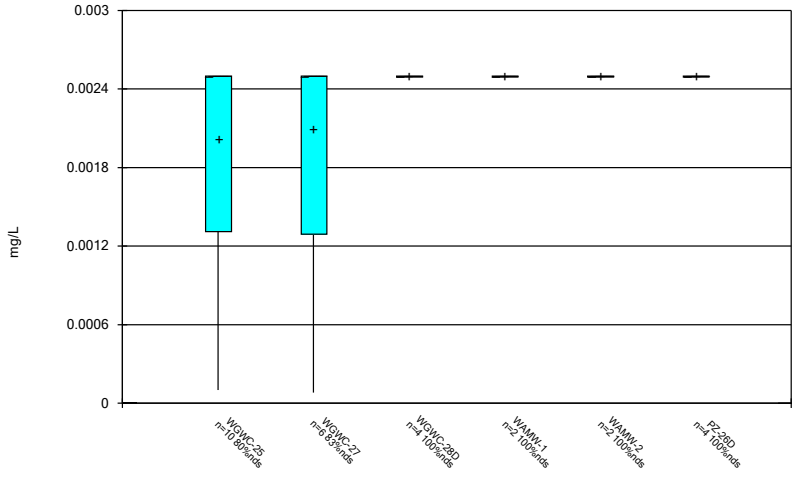
Box & Whiskers Plot



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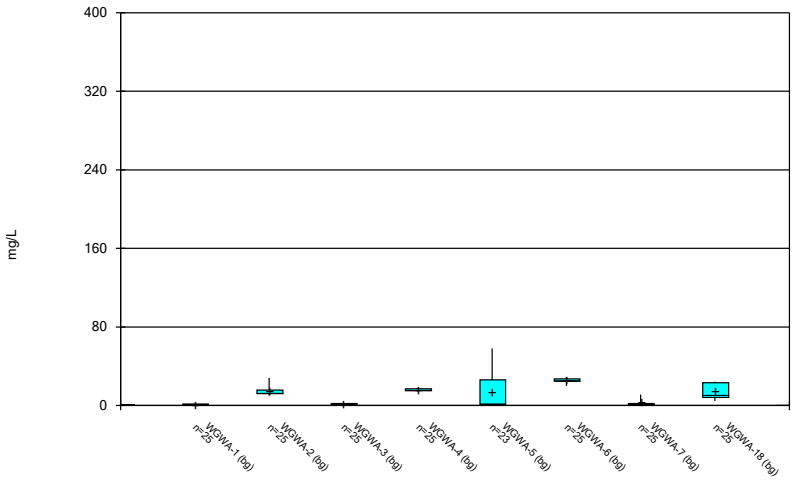
Box & Whiskers Plot



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Box & Whiskers Plot

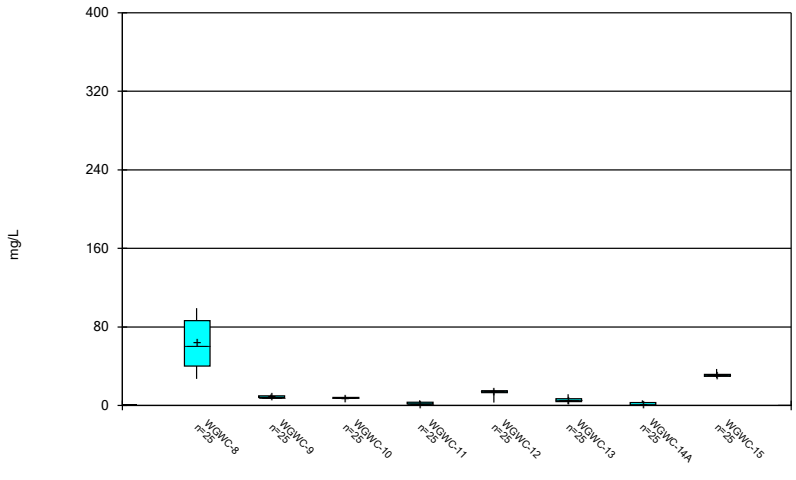


Constituent: Calcium Analysis Run 4/11/2025 1:45 PM

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Box & Whiskers Plot

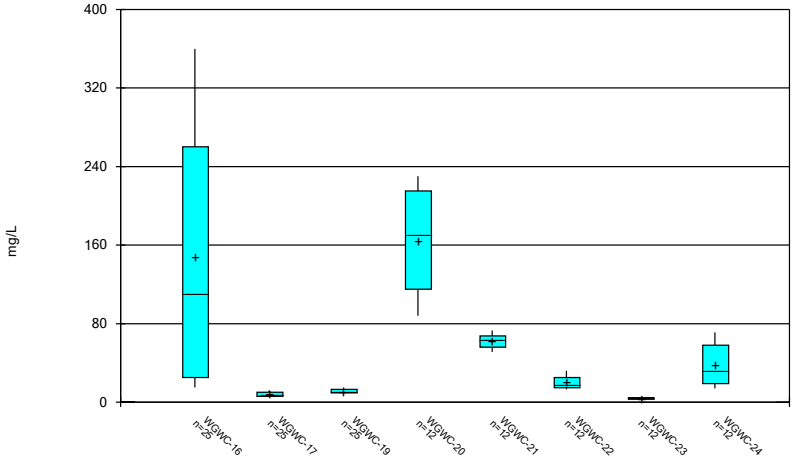


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Box & Whiskers Plot

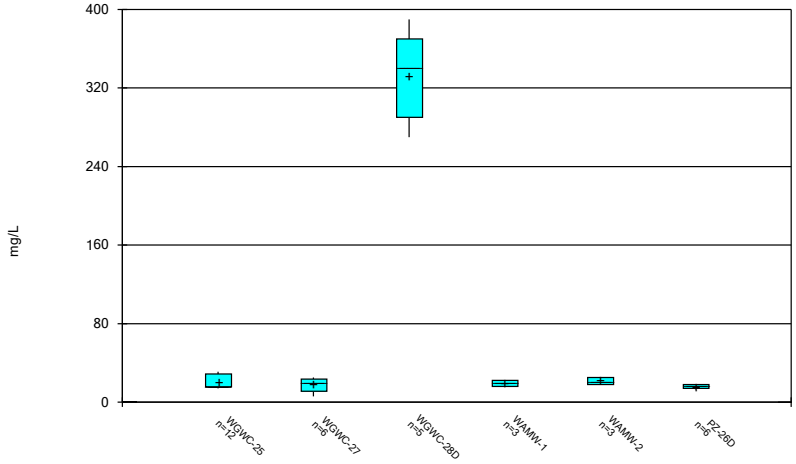


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Box & Whiskers Plot

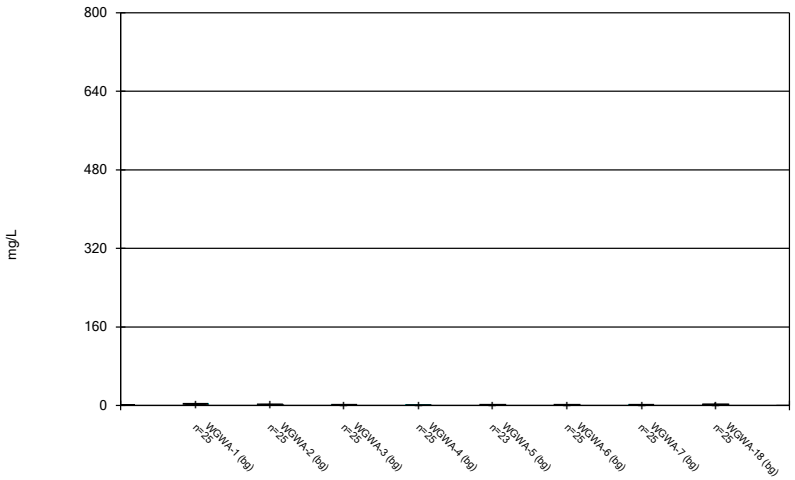


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Box & Whiskers Plot

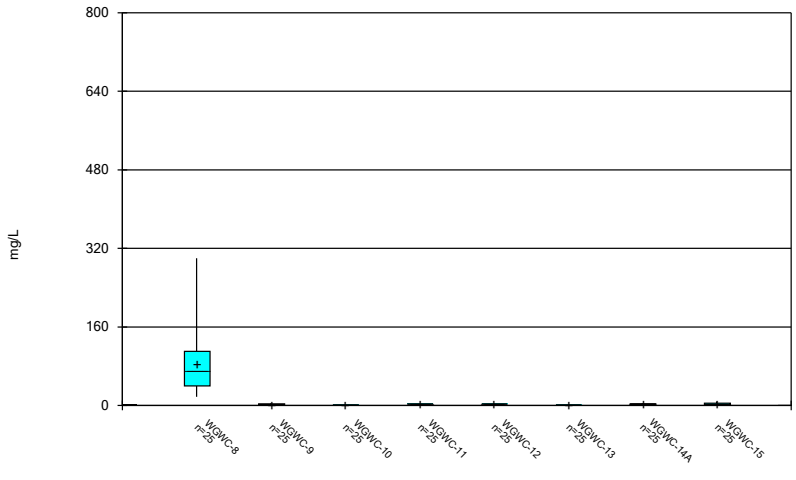


Constituent: Chloride Analysis Run 4/11/2025 1:45 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

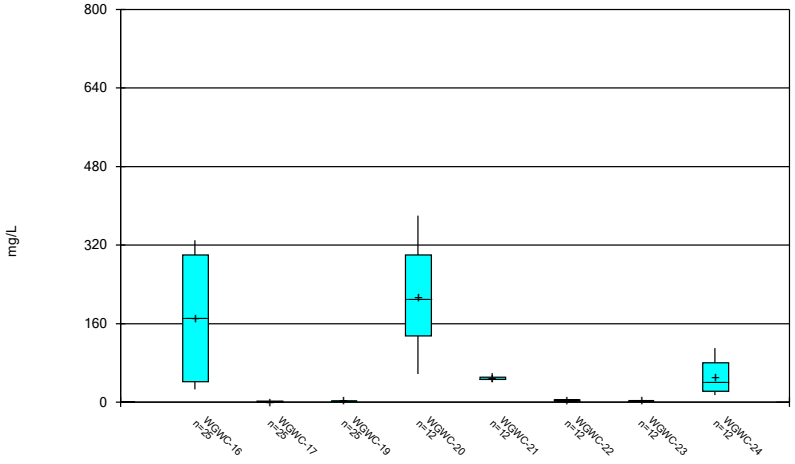


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Box & Whiskers Plot

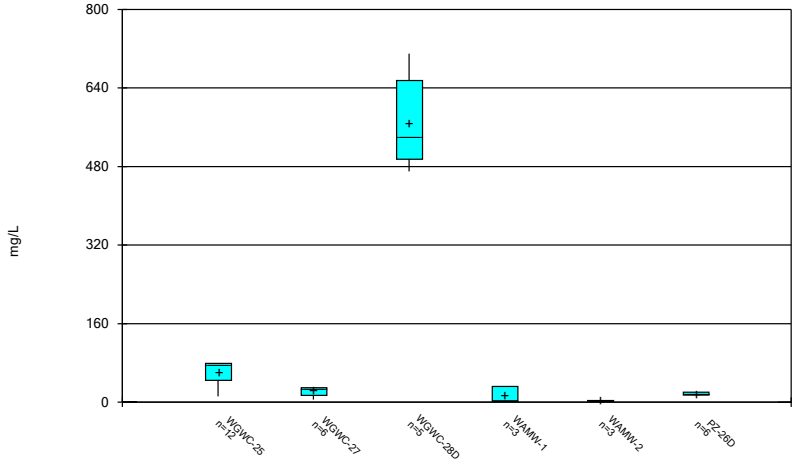


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Box & Whiskers Plot

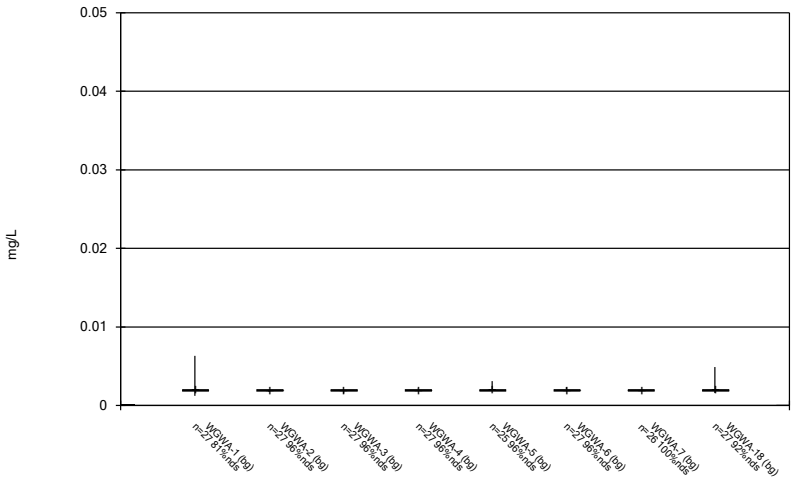


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

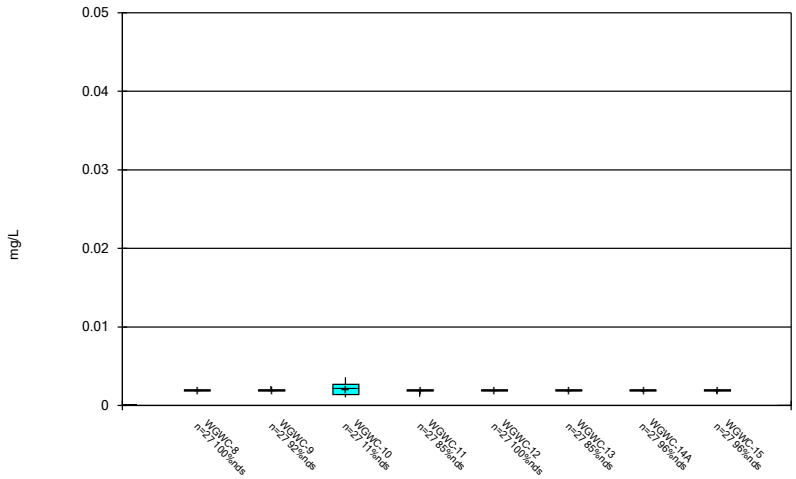


Constituent: Chromium Analysis Run 4/11/2025 1:45 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

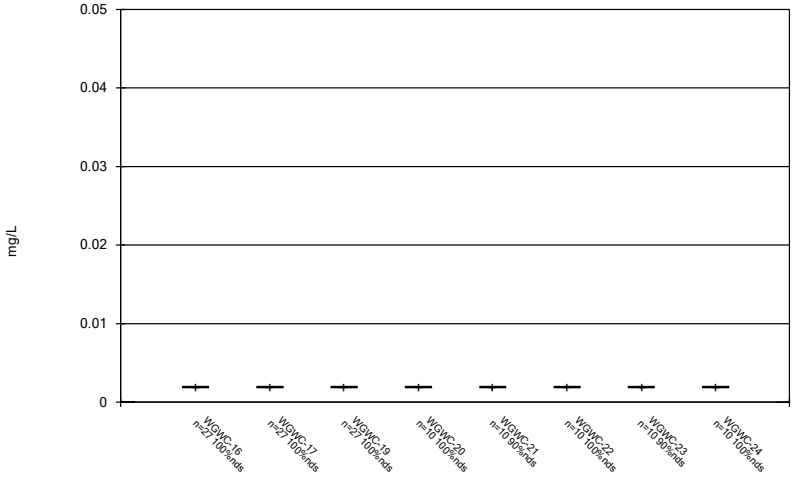


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Box & Whiskers Plot

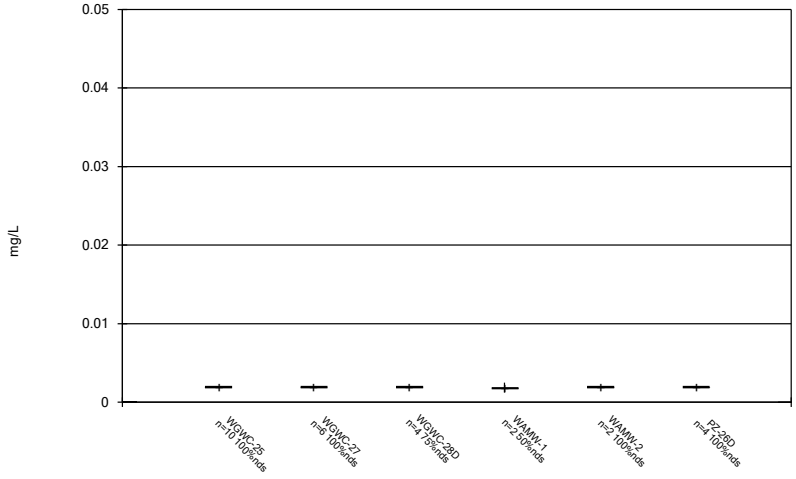


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Box & Whiskers Plot

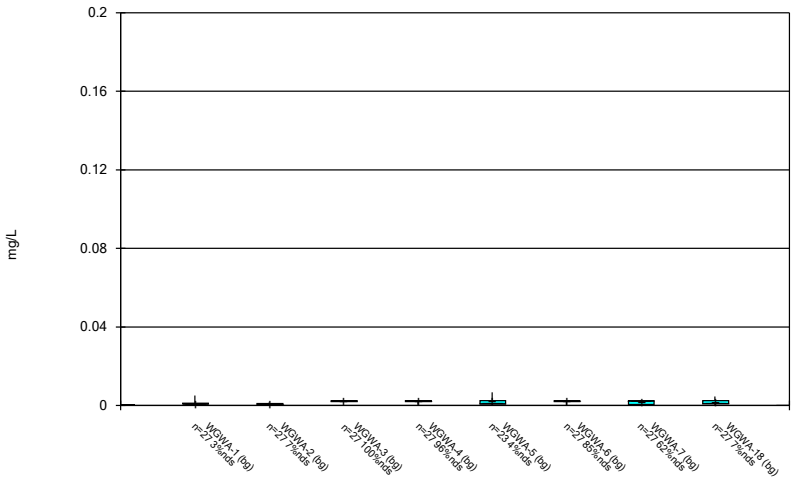


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

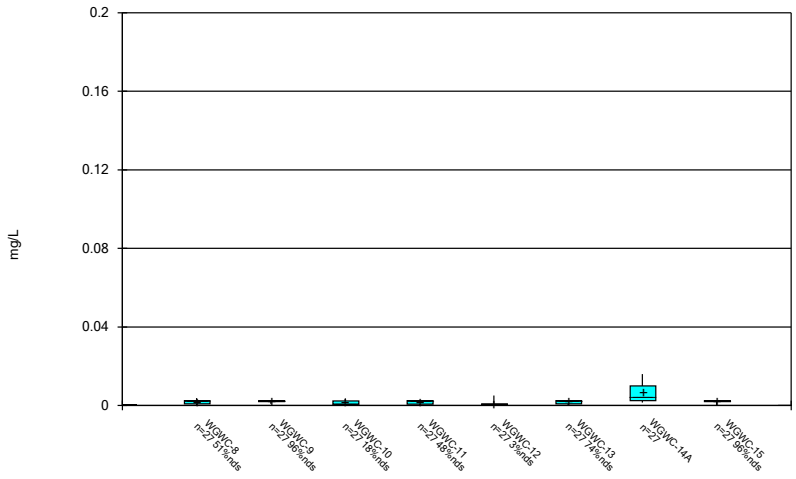


Constituent: Cobalt Analysis Run 4/11/2025 1:45 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

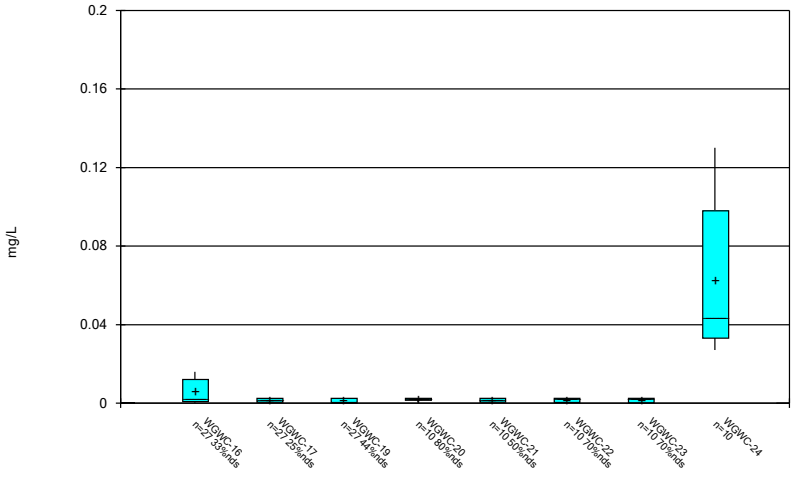


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

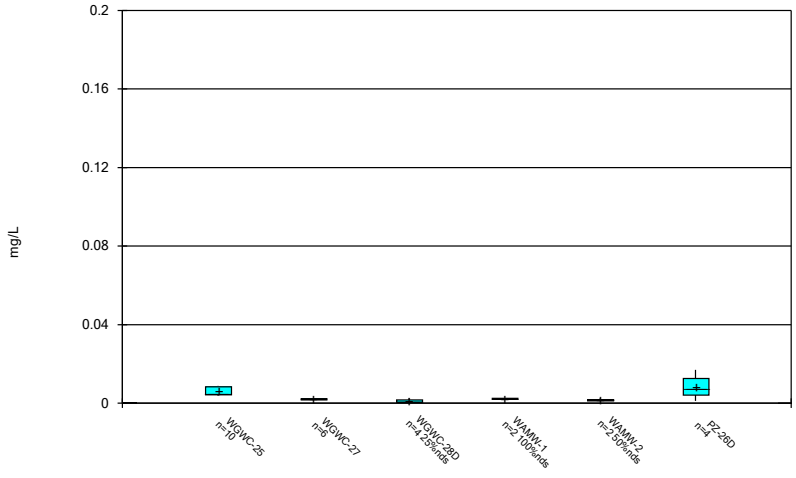


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

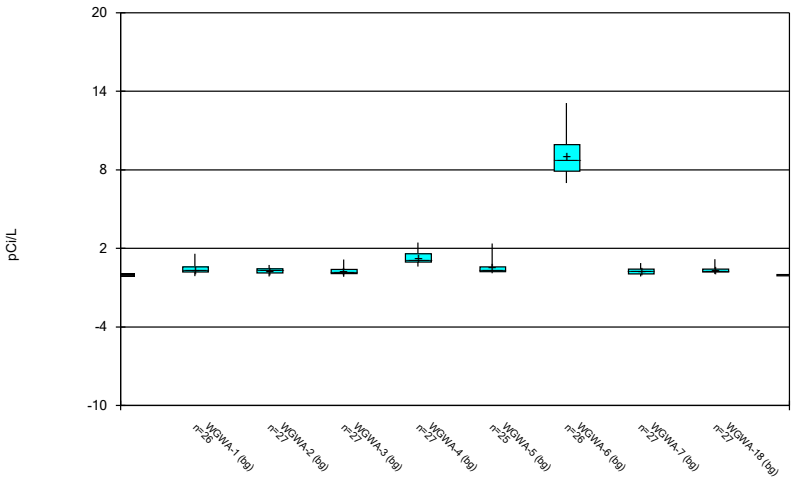


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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

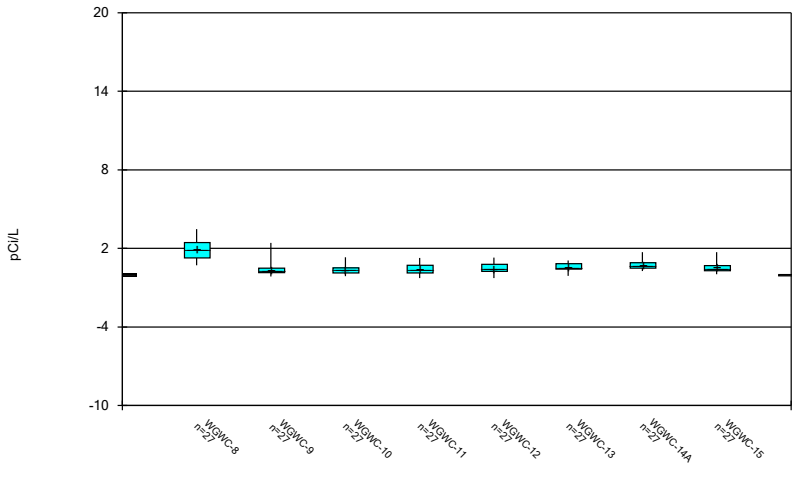
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 4/11/2025 1:45 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

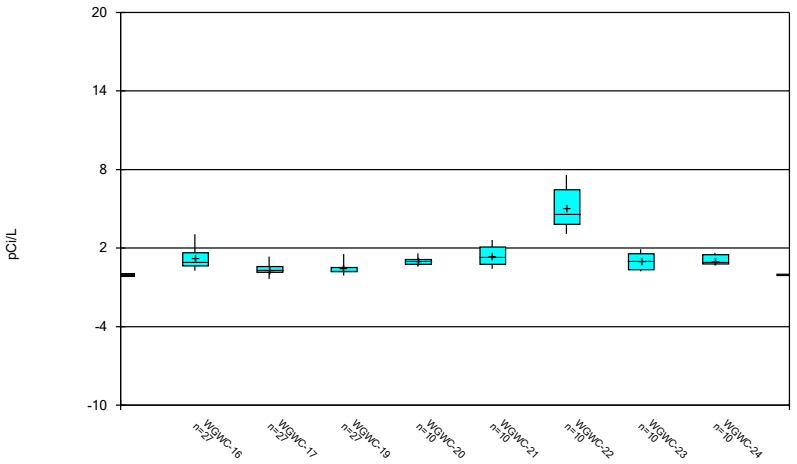
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 4/11/2025 1:45 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

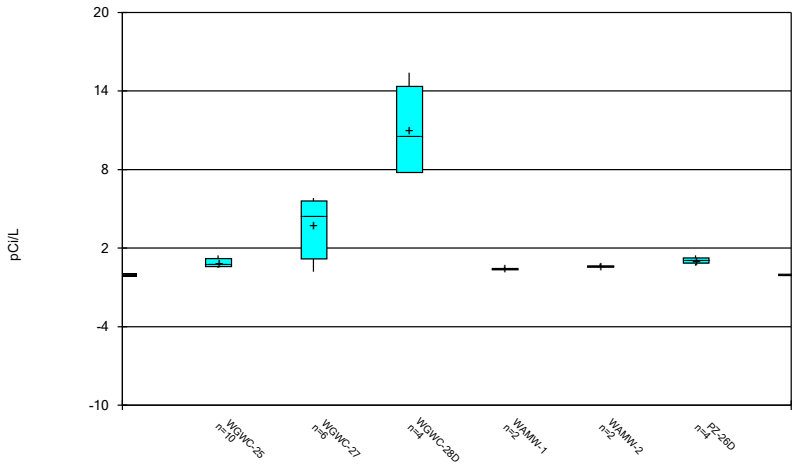
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 4/11/2025 1:45 PM
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Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

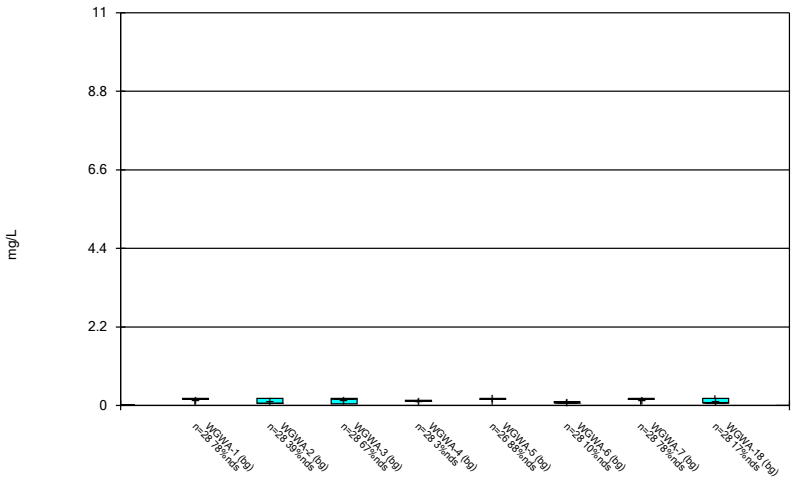
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 4/11/2025 1:45 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

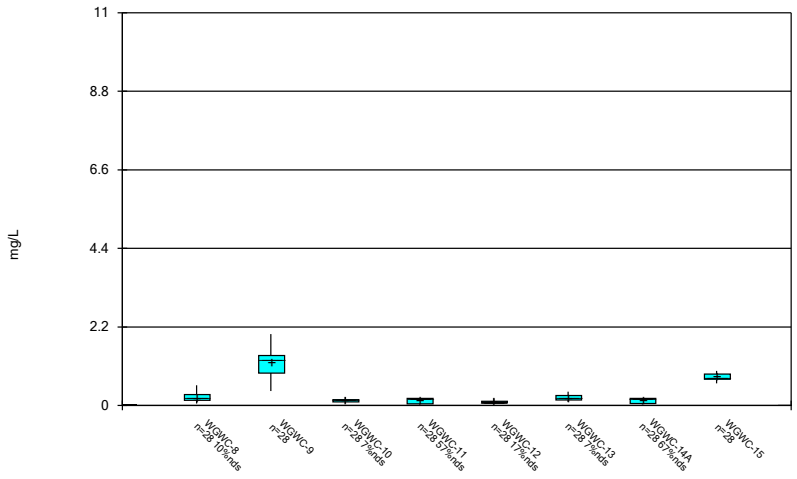


Constituent: Fluoride Analysis Run 4/11/2025 1:45 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

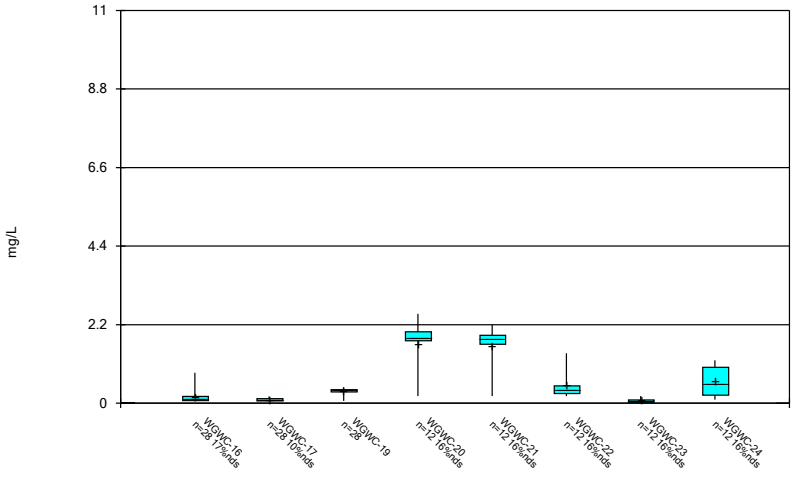


Constituent: Fluoride Analysis Run 4/11/2025 1:45 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

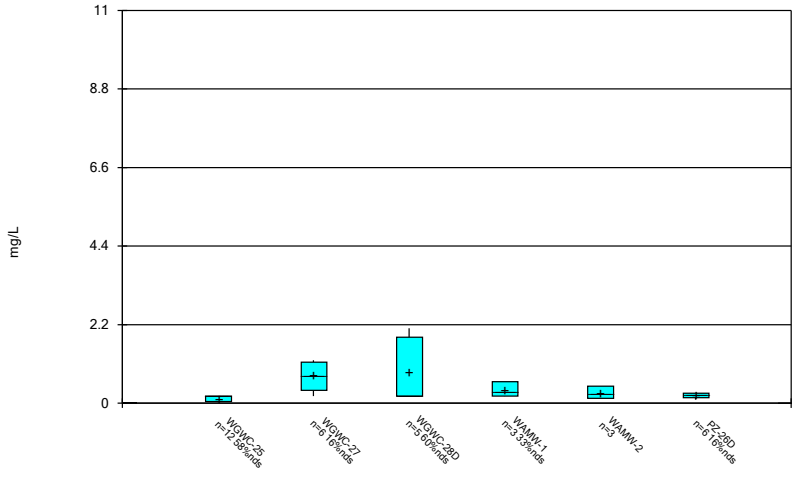


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

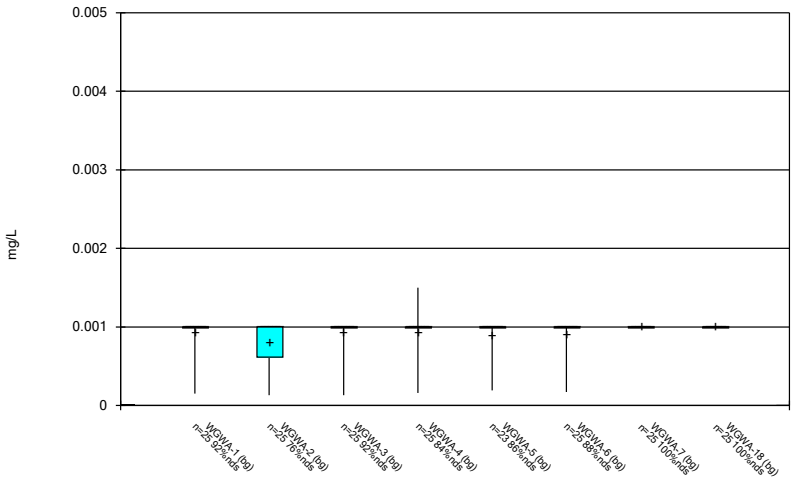


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

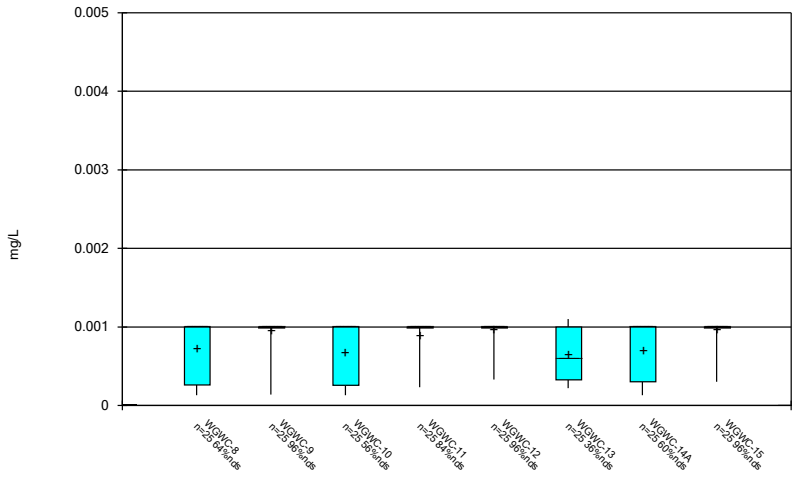


Constituent: Lead Analysis Run 4/11/2025 1:45 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

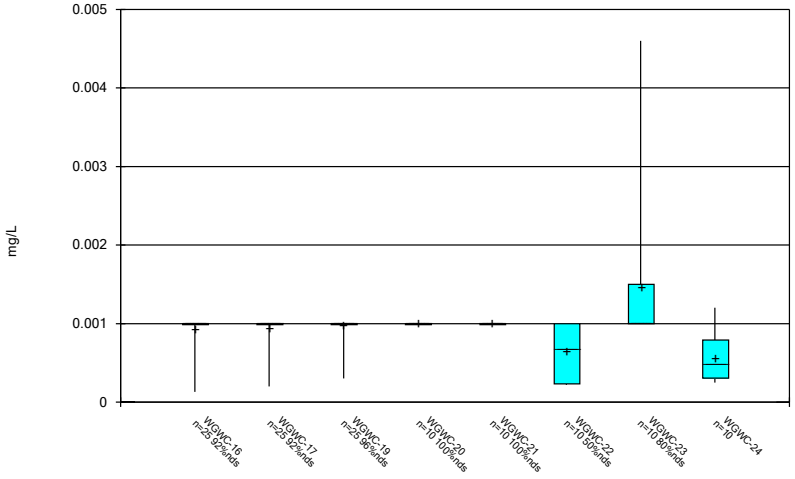


Constituent: Lead Analysis Run 4/11/2025 1:45 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

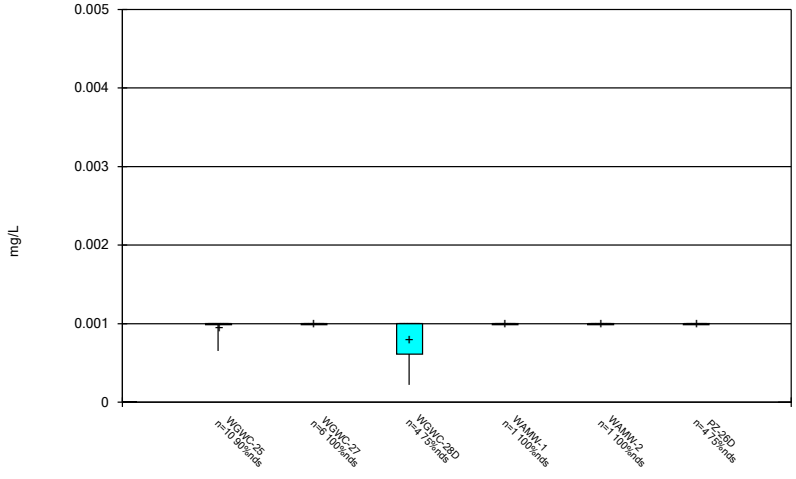


Constituent: Lead Analysis Run 4/11/2025 1:45 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

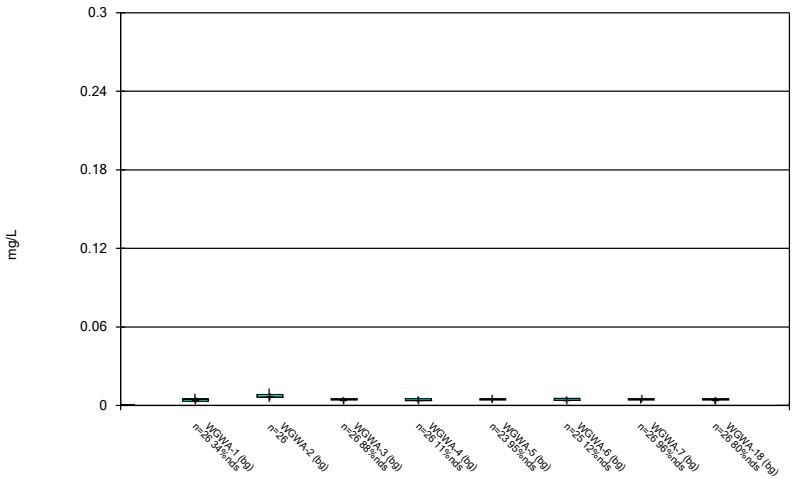


Constituent: Lead Analysis Run 4/11/2025 1:45 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

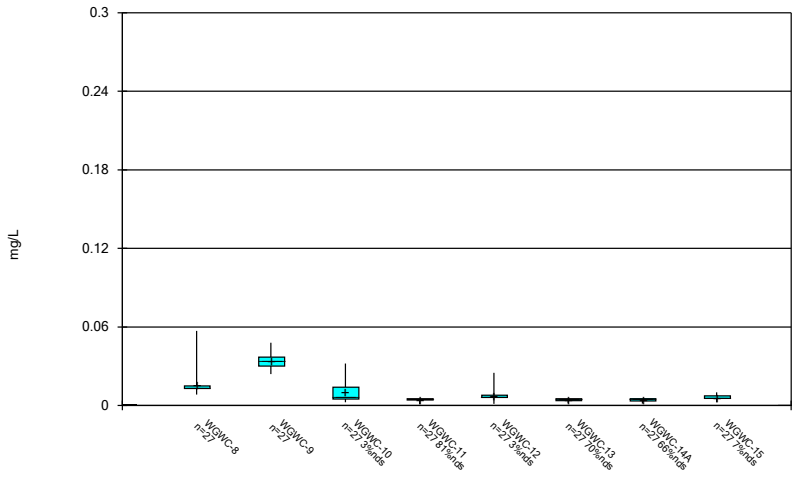


Constituent: Lithium Analysis Run 4/11/2025 1:45 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

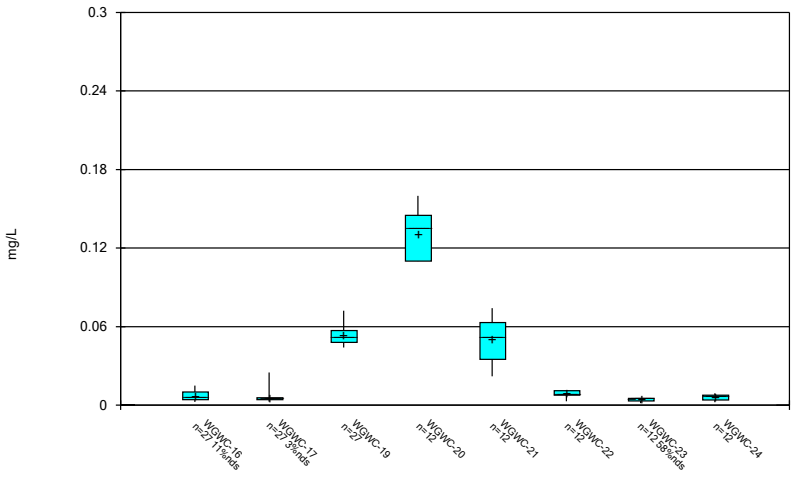


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

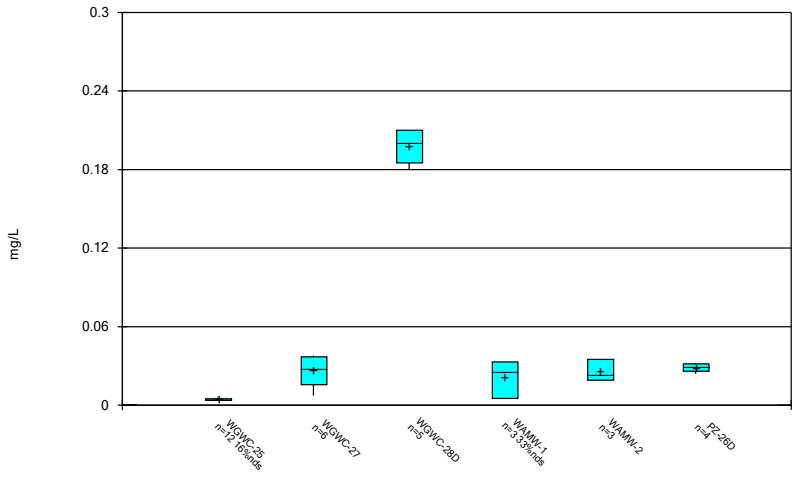


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

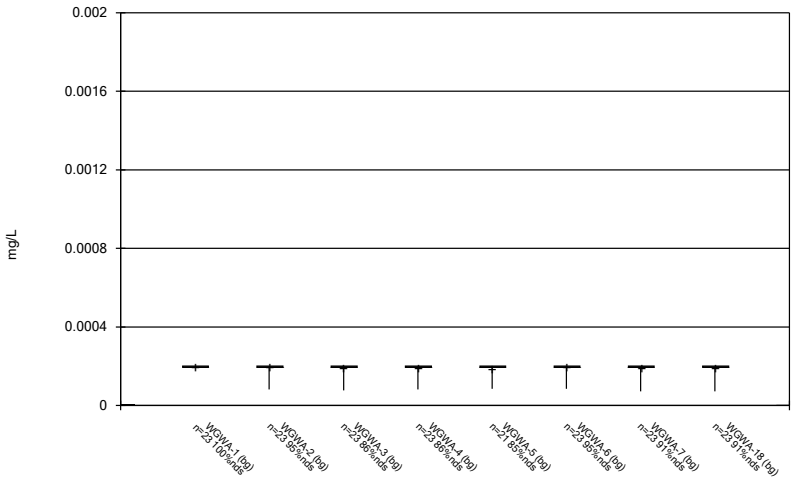


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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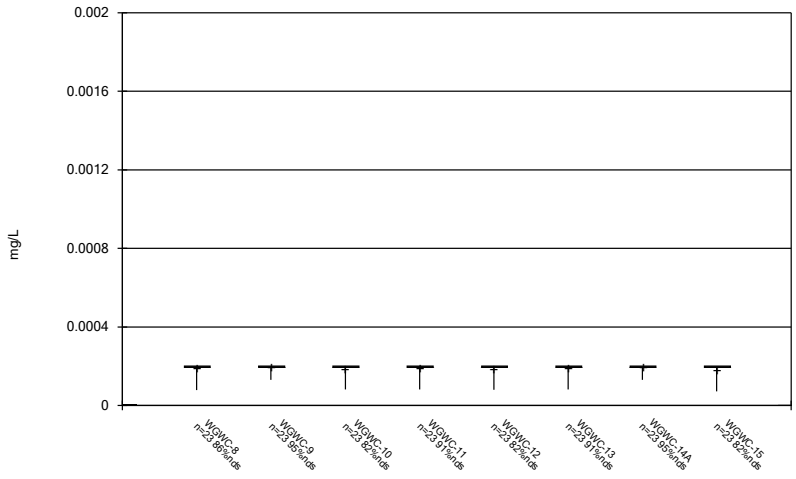
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

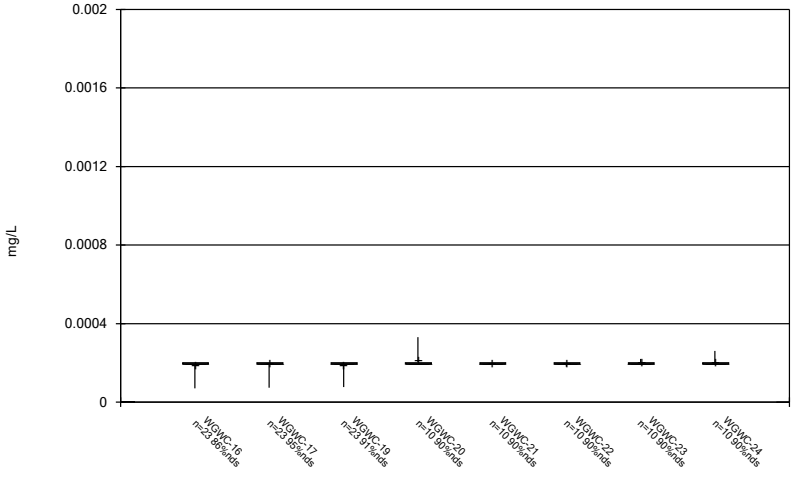
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

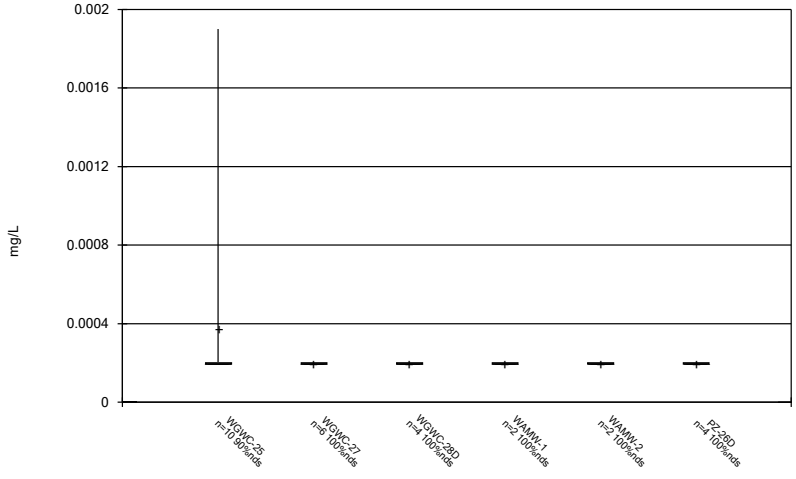
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

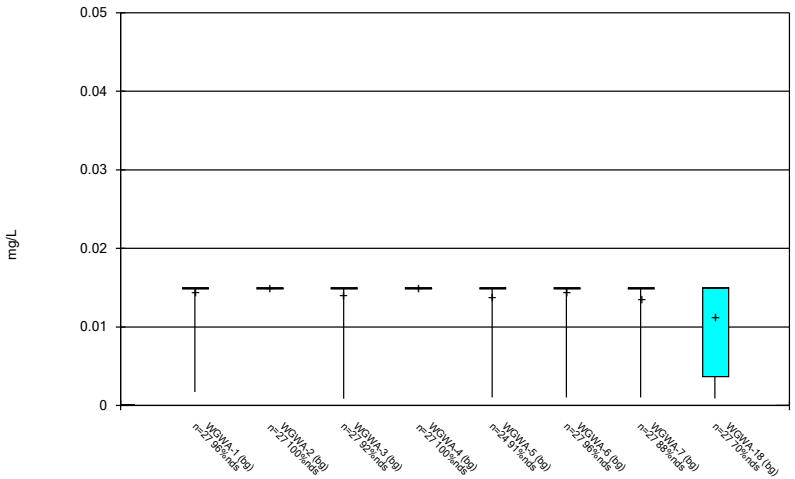
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

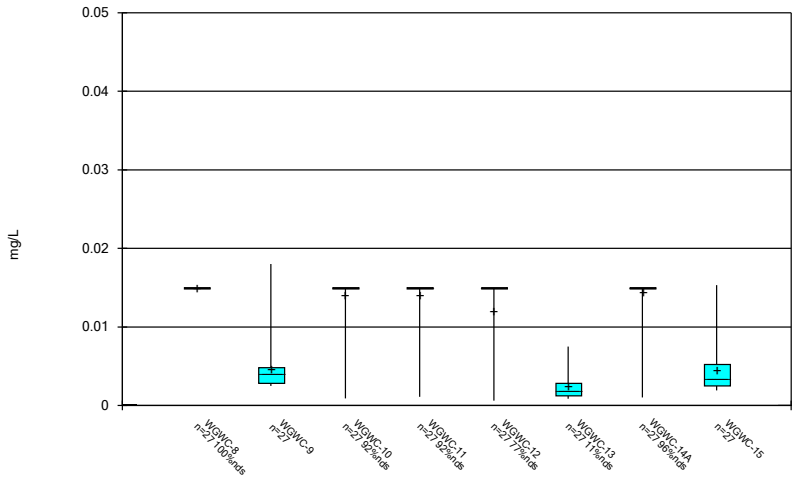
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 4/11/2025 1:45 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

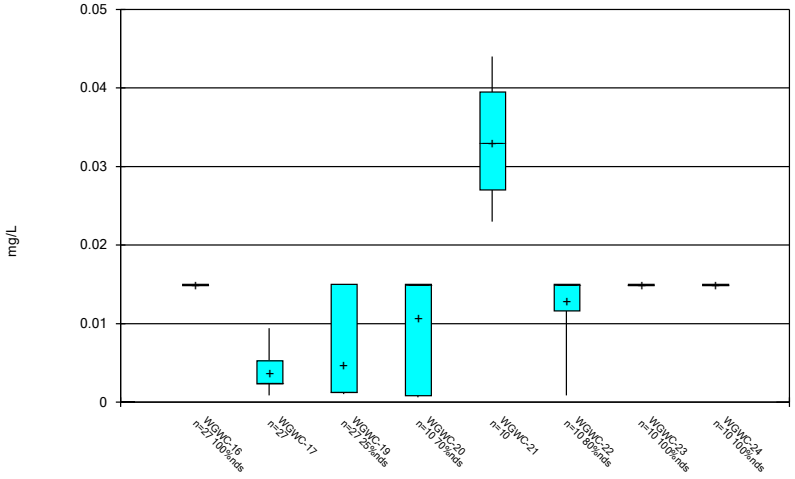
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 4/11/2025 1:45 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

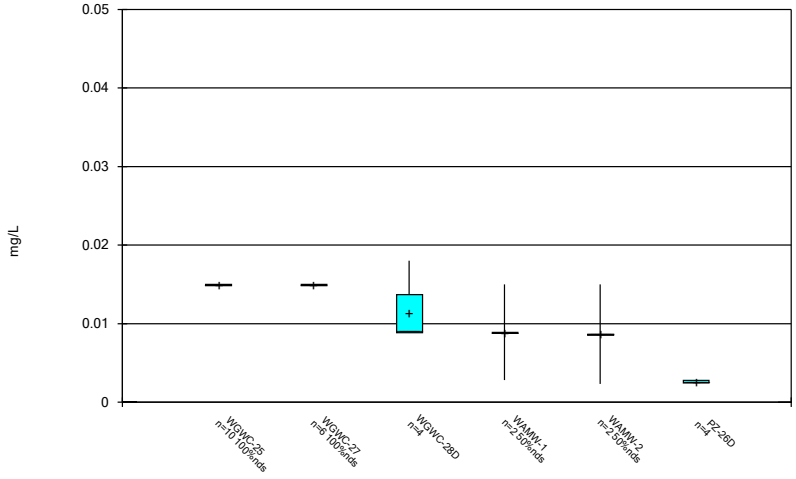
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 4/11/2025 1:46 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

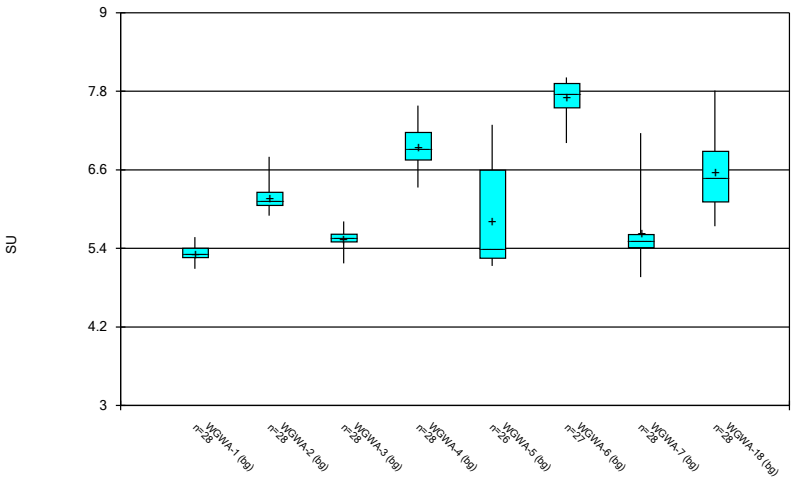
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 4/11/2025 1:46 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

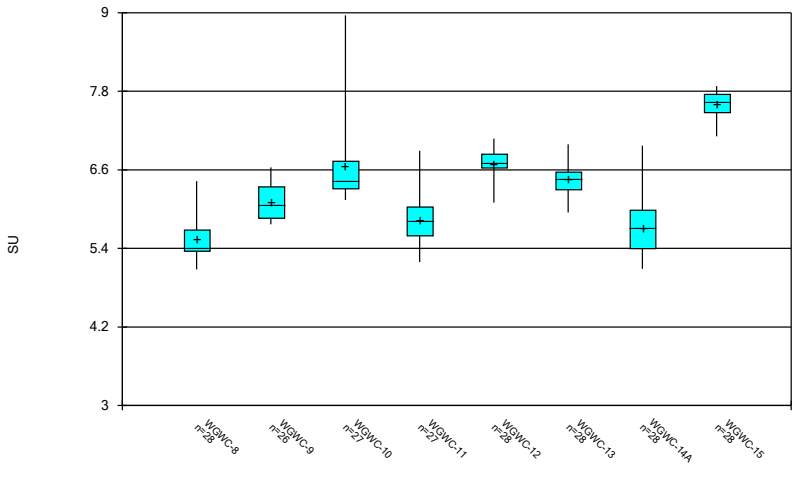


Constituent: pH, Field Analysis Run 4/11/2025 1:46 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

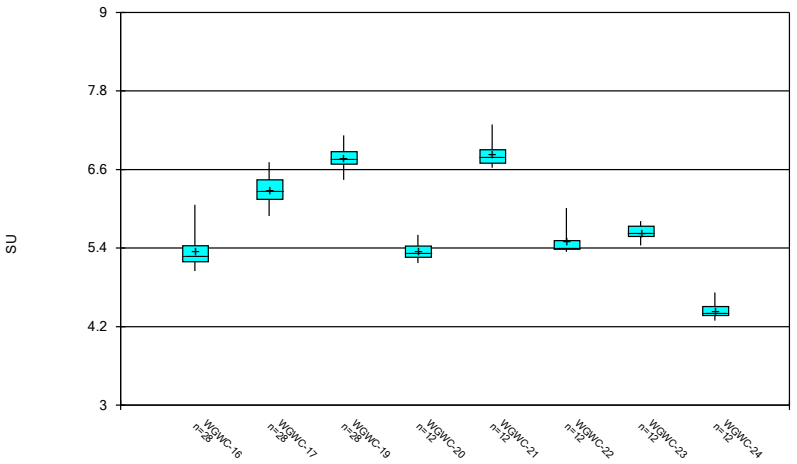


Constituent: pH, Field Analysis Run 4/11/2025 1:46 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

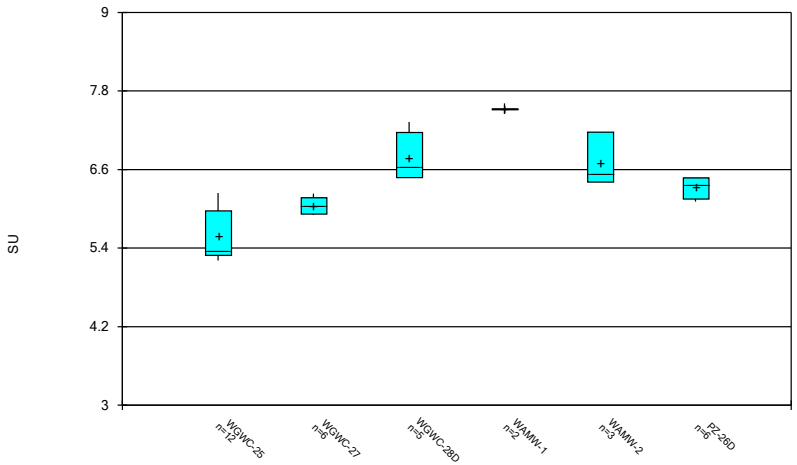


Constituent: pH, Field Analysis Run 4/11/2025 1:46 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

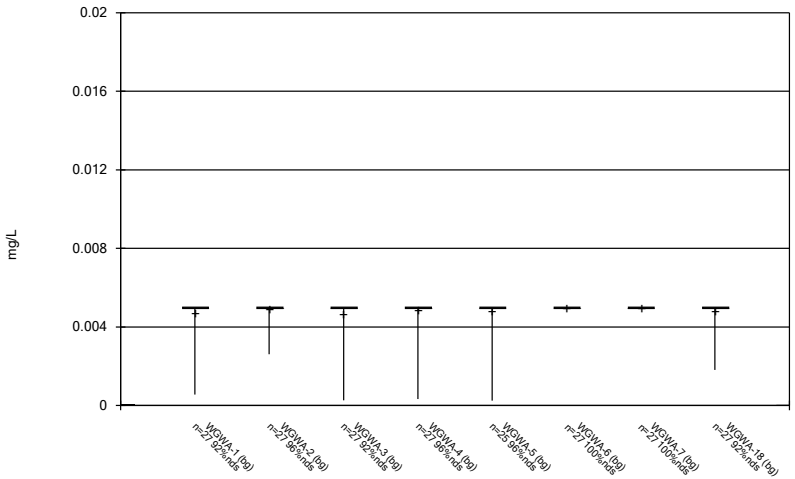


Constituent: pH, Field Analysis Run 4/11/2025 1:46 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

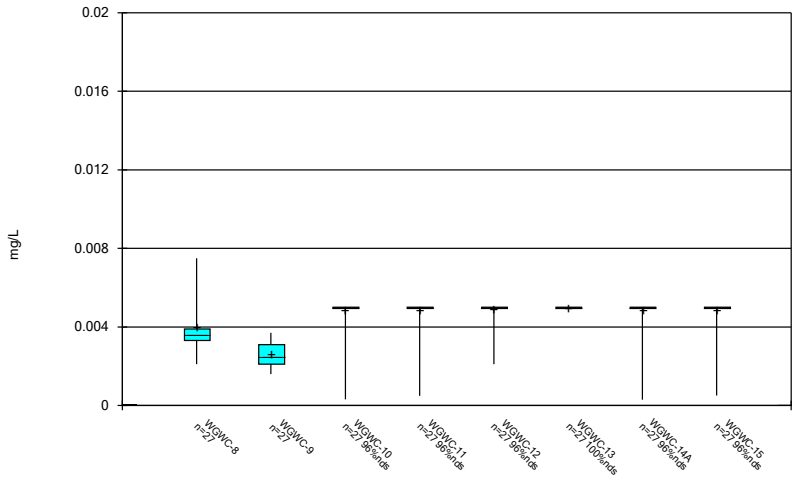
Box & Whiskers Plot



Constituent: Selenium Analysis Run 4/11/2025 1:46 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

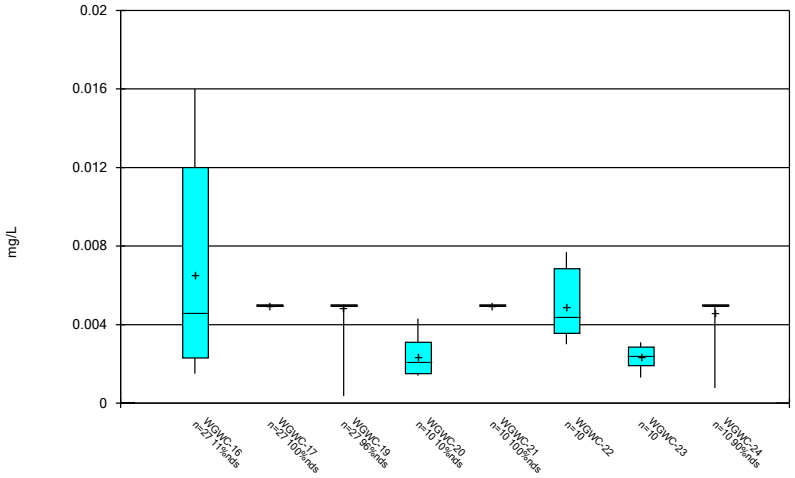
Box & Whiskers Plot



Constituent: Selenium Analysis Run 4/11/2025 1:46 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

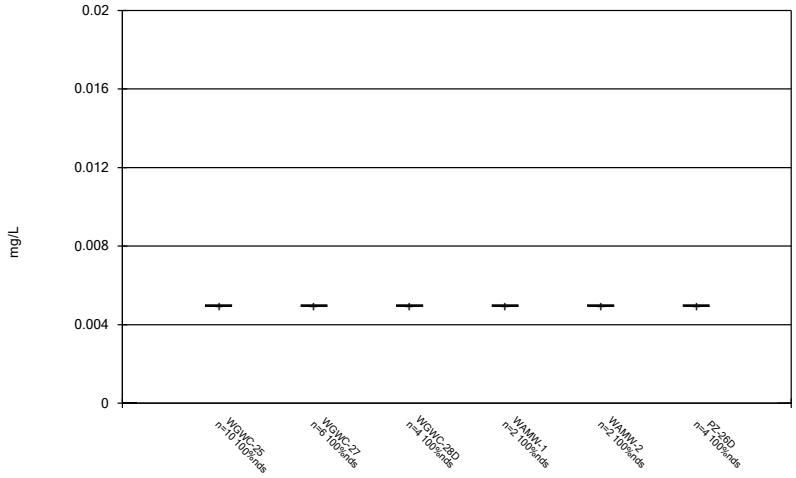
Box & Whiskers Plot



Constituent: Selenium Analysis Run 4/11/2025 1:46 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

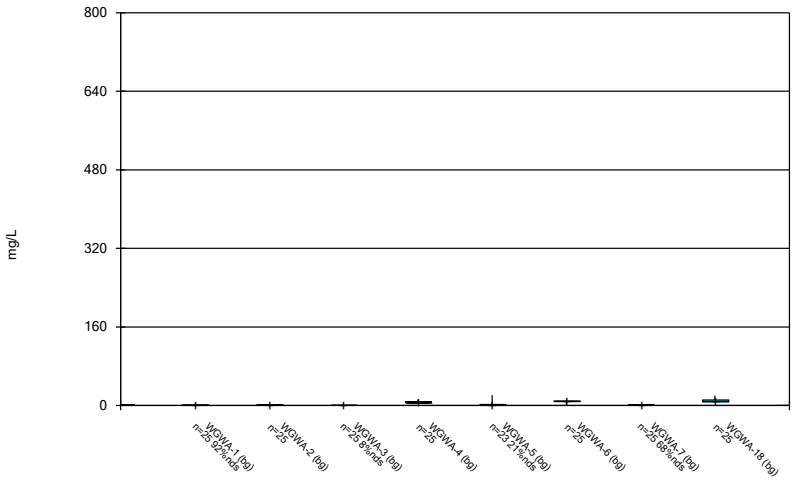
Box & Whiskers Plot



Constituent: Selenium Analysis Run 4/11/2025 1:46 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

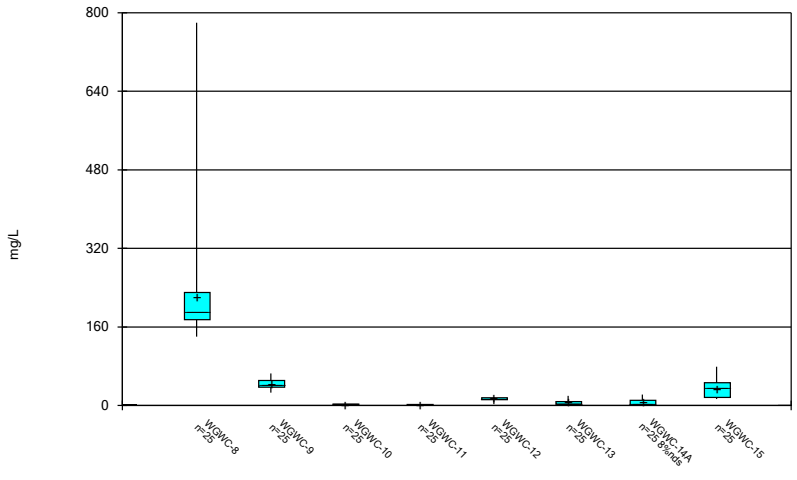


Constituent: Sulfate Analysis Run 4/11/2025 1:46 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

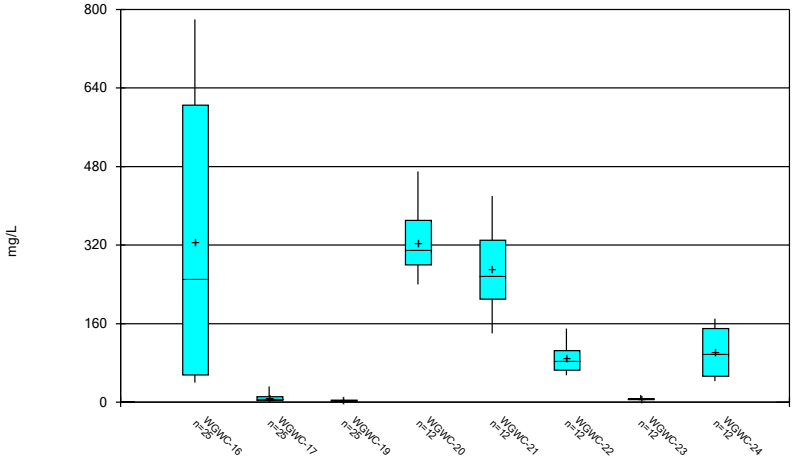


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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

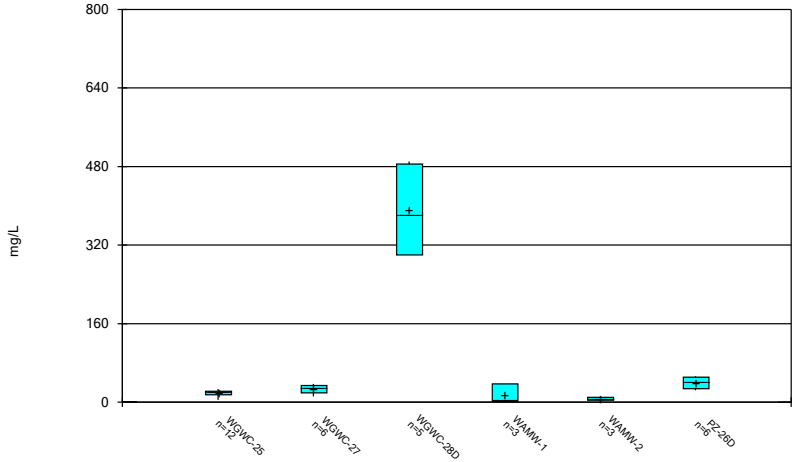


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

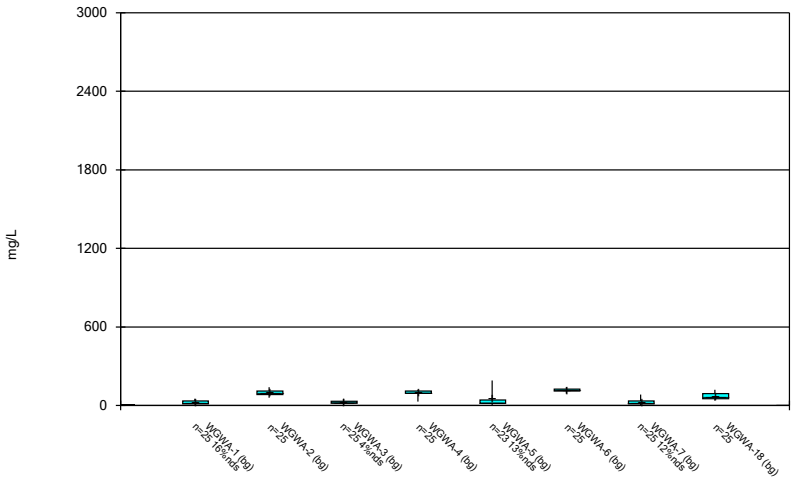


Constituent: Sulfate Analysis Run 4/11/2025 1:46 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

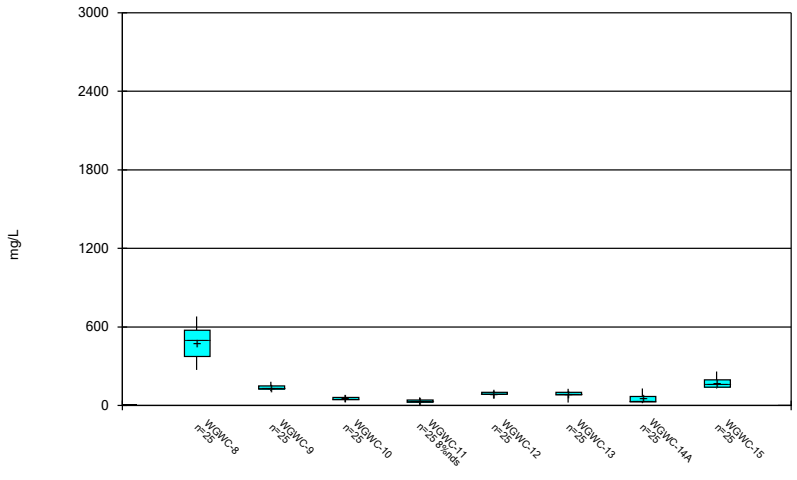


Constituent: TDS Analysis Run 4/11/2025 1:46 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

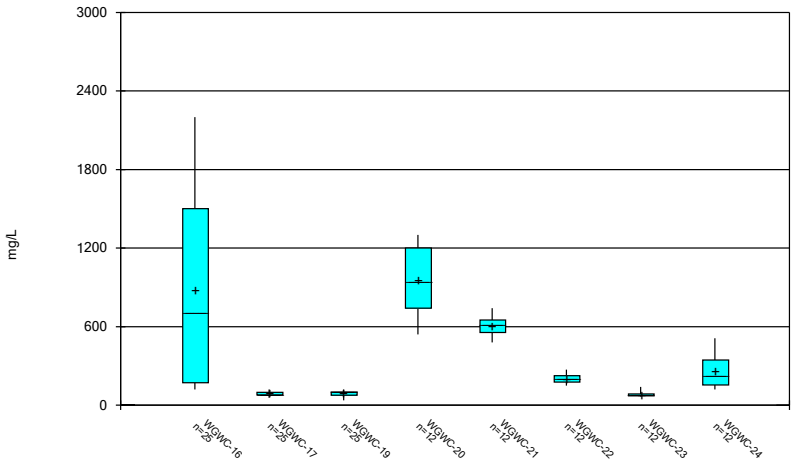


Constituent: TDS Analysis Run 4/11/2025 1:46 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

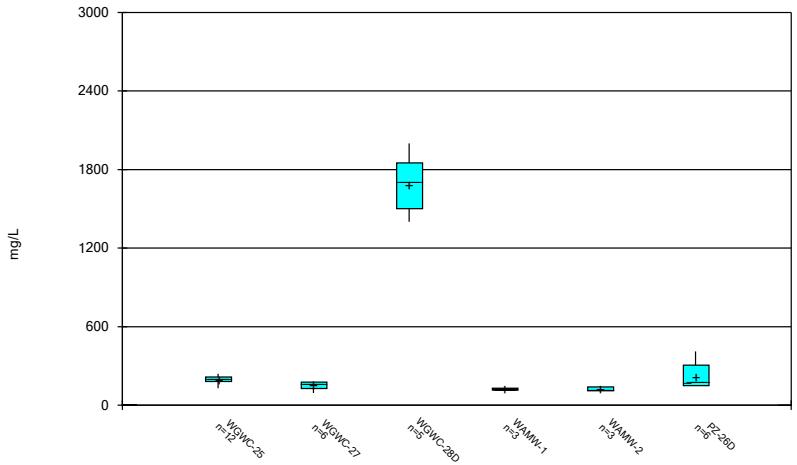


Constituent: TDS Analysis Run 4/11/2025 1:46 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

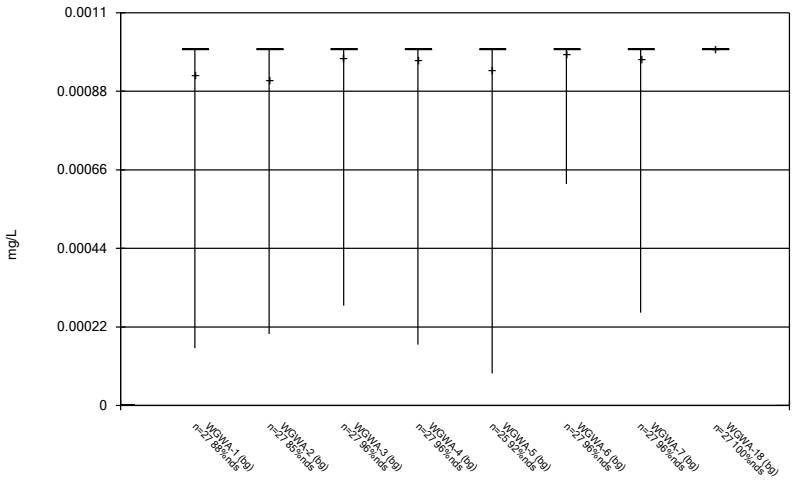


Constituent: TDS Analysis Run 4/11/2025 1:46 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

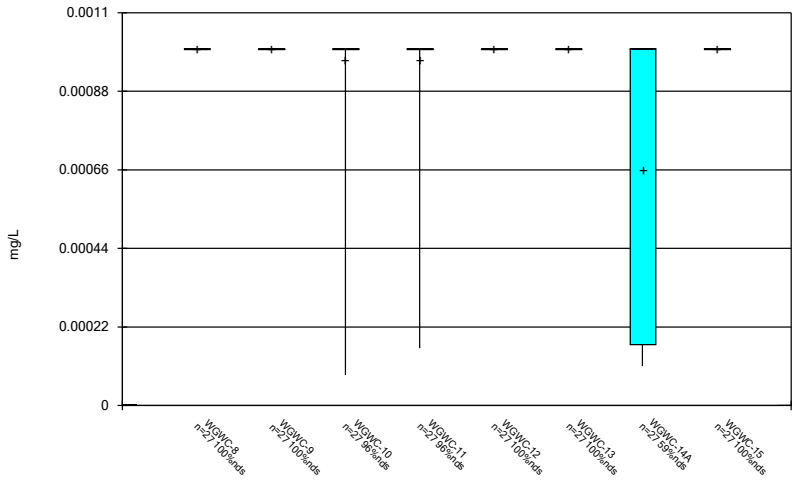


Constituent: Thallium Analysis Run 4/11/2025 1:46 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

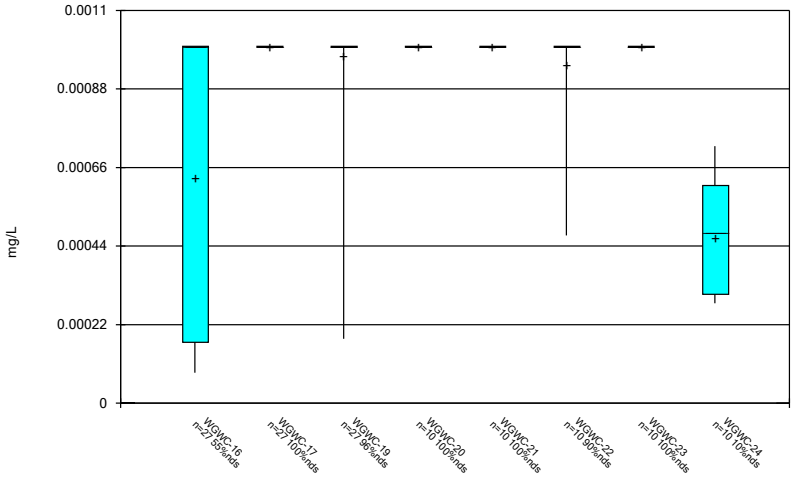


Constituent: Thallium Analysis Run 4/11/2025 1:46 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

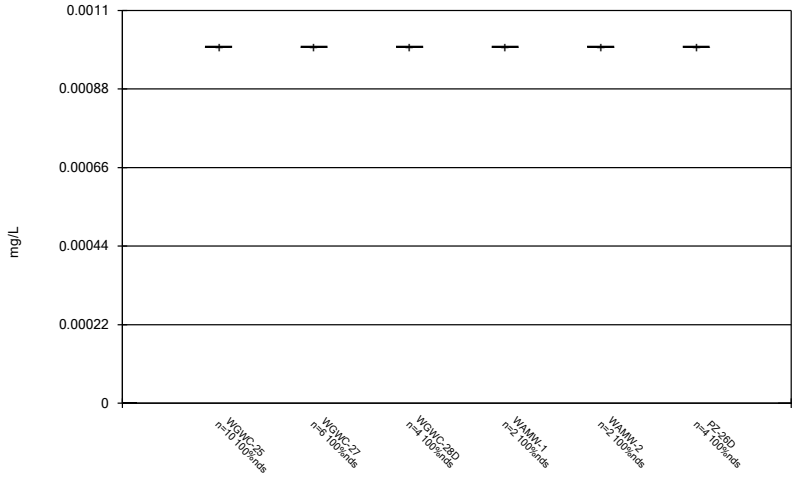


Constituent: Thallium Analysis Run 4/11/2025 1:46 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot



Constituent: Thallium Analysis Run 4/11/2025 1:46 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

FIGURE C.

Outlier Summary

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 1:39 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)									

	WGWA-7 Lithium (mg/L)	WGWA-18 Lithium (mg/L)	WGWA-5 Molybdenum (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			

FIGURE D.

Appendix III - Interwell Prediction Limits - Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 2:05 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-8	0.1	n/a	2/11/2025	3.6	Yes	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-9	0.1	n/a	2/11/2025	0.58	Yes	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-16	0.1	n/a	2/12/2025	0.56	Yes	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-20	0.1	n/a	2/12/2025	7.4	Yes	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-21	0.1	n/a	2/13/2025	0.12	Yes	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-22	0.1	n/a	2/12/2025	0.32	Yes	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-24	0.1	n/a	2/13/2025	0.94	Yes	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-25	0.1	n/a	2/12/2025	0.36	Yes	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Calcium (mg/L)	WGWC-8	58	n/a	2/11/2025	99	Yes	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-20	58	n/a	2/12/2025	230	Yes	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-21	58	n/a	2/13/2025	64	Yes	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-8	6.05	n/a	2/11/2025	120	Yes	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-16	6.05	n/a	2/12/2025	28	Yes	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-20	6.05	n/a	2/12/2025	380	Yes	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-21	6.05	n/a	2/13/2025	48	Yes	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-24	6.05	n/a	2/13/2025	19	Yes	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-25	6.05	n/a	2/12/2025	24	Yes	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-9	0.284	n/a	2/11/2025	0.4	Yes	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-15	0.284	n/a	2/13/2025	0.72	Yes	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-24	8.01	4.96	2/13/2025	4.49	Yes	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-8	21	n/a	2/11/2025	280	Yes	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-9	21	n/a	2/11/2025	26	Yes	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-16	21	n/a	2/12/2025	40	Yes	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-20	21	n/a	2/12/2025	470	Yes	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-21	21	n/a	2/13/2025	350	Yes	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-22	21	n/a	2/12/2025	66	Yes	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-24	21	n/a	2/13/2025	79	Yes	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-8	190	n/a	2/11/2025	630	Yes	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-20	190	n/a	2/12/2025	1300	Yes	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-21	190	n/a	2/13/2025	610	Yes	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2

Appendix III - Interwell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 2:05 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-8**	**0.1**	**n/a**	**2/11/2025**	**3.6**	**Yes**	**190**	**n/a**	**n/a**	**95.26**	**n/a**	**n/a**	**0.00005474**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**WGWC-9**	**0.1**	**n/a**	**2/11/2025**	**0.58**	**Yes**	**190**	**n/a**	**n/a**	**95.26**	**n/a**	**n/a**	**0.00005474**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	WGWC-10	0.1	n/a	2/13/2025	0.08ND	No	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-11	0.1	n/a	2/11/2025	0.08ND	No	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-12	0.1	n/a	2/11/2025	0.08ND	No	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-13	0.1	n/a	2/12/2025	0.08ND	No	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-14A	0.1	n/a	2/12/2025	0.027J	No	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-15	0.1	n/a	2/13/2025	0.08ND	No	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	**WGWC-16**	**0.1**	**n/a**	**2/12/2025**	**0.56**	**Yes**	**190**	**n/a**	**n/a**	**95.26**	**n/a**	**n/a**	**0.00005474**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	WGWC-17	0.1	n/a	2/11/2025	0.08ND	No	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-19	0.1	n/a	2/13/2025	0.08ND	No	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	**WGWC-20**	**0.1**	**n/a**	**2/12/2025**	**7.4**	**Yes**	**190**	**n/a**	**n/a**	**95.26**	**n/a**	**n/a**	**0.00005474**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**WGWC-21**	**0.1**	**n/a**	**2/13/2025**	**0.12**	**Yes**	**190**	**n/a**	**n/a**	**95.26**	**n/a**	**n/a**	**0.00005474**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**WGWC-22**	**0.1**	**n/a**	**2/12/2025**	**0.32**	**Yes**	**190**	**n/a**	**n/a**	**95.26**	**n/a**	**n/a**	**0.00005474**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	WGWC-23	0.1	n/a	2/13/2025	0.024J	No	190	n/a	n/a	95.26	n/a	n/a	0.00005474	NP Inter (NDs) 1 of 2
Boron (mg/L)	**WGWC-24**	**0.1**	**n/a**	**2/13/2025**	**0.94**	**Yes**	**190**	**n/a**	**n/a**	**95.26**	**n/a**	**n/a**	**0.00005474**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**WGWC-25**	**0.1**	**n/a**	**2/12/2025**	**0.36**	**Yes**	**190**	**n/a**	**n/a**	**95.26**	**n/a**	**n/a**	**0.00005474**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	**WGWC-8**	**58**	**n/a**	**2/11/2025**	**99**	**Yes**	**198**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	WGWC-9	58	n/a	2/11/2025	9.6	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-10	58	n/a	2/13/2025	8	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-11	58	n/a	2/11/2025	1.7	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-12	58	n/a	2/11/2025	14	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-13	58	n/a	2/12/2025	3.8	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-14A	58	n/a	2/12/2025	0.77	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-15	58	n/a	2/13/2025	30	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-16	58	n/a	2/12/2025	15	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-17	58	n/a	2/11/2025	5.8	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-19	58	n/a	2/13/2025	13	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	**WGWC-20**	**58**	**n/a**	**2/12/2025**	**230**	**Yes**	**198**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**WGWC-21**	**58**	**n/a**	**2/13/2025**	**64**	**Yes**	**198**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	WGWC-22	58	n/a	2/12/2025	13	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-23	58	n/a	2/13/2025	4.4	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-24	58	n/a	2/13/2025	20	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-25	58	n/a	2/12/2025	31	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	**WGWC-8**	**6.05**	**n/a**	**2/11/2025**	**120**	**Yes**	**198**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	WGWC-9	6.05	n/a	2/11/2025	2	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-10	6.05	n/a	2/13/2025	1.5	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-11	6.05	n/a	2/11/2025	0.45J	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-12	6.05	n/a	2/11/2025	3.7	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-13	6.05	n/a	2/12/2025	1.3	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-14A	6.05	n/a	2/12/2025	2.4	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-15	6.05	n/a	2/13/2025	1.1	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	**WGWC-16**	**6.05**	**n/a**	**2/12/2025**	**28**	**Yes**	**198**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	WGWC-17	6.05	n/a	2/11/2025	1.9	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-19	6.05	n/a	2/13/2025	3.1	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	**WGWC-20**	**6.05**	**n/a**	**2/12/2025**	**380**	**Yes**	**198**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**WGWC-21**	**6.05**	**n/a**	**2/13/2025**	**48**	**Yes**	**198**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	WGWC-22	6.05	n/a	2/12/2025	4.1	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-23	6.05	n/a	2/13/2025	3.1	No	198	n/a	n/a	0	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Chloride (mg/L)	**WGWC-24**	**6.05**	**n/a**	**2/13/2025**	**19**	**Yes**	**198**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**WGWC-25**	**6.05**	**n/a**	**2/12/2025**	**24**	**Yes**	**198**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	WGWC-8	0.284	n/a	2/11/2025	0.2ND	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	**WGWC-9**	**0.284**	**n/a**	**2/11/2025**	**0.4**	**Yes**	**222**	**n/a**	**n/a**	**47.75**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	WGWC-10	0.284	n/a	2/13/2025	0.2ND	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-11	0.284	n/a	2/11/2025	0.2ND	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-12	0.284	n/a	2/11/2025	0.2ND	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-13	0.284	n/a	2/12/2025	0.2ND	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-14A	0.284	n/a	2/12/2025	0.2ND	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	**WGWC-15**	**0.284**	**n/a**	**2/13/2025**	**0.72**	**Yes**	**222**	**n/a**	**n/a**	**47.75**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	WGWC-16	0.284	n/a	2/12/2025	0.2ND	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2

Appendix III - Interwell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 2:05 PM

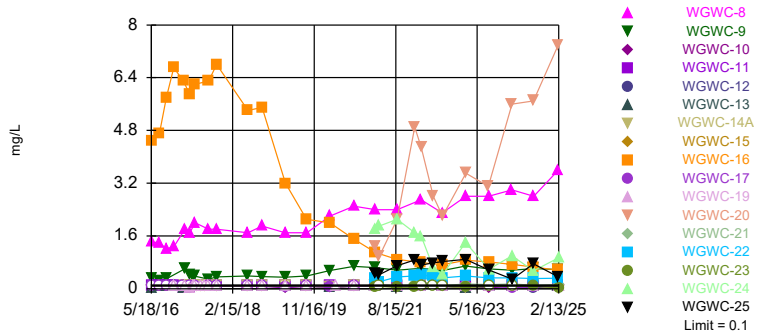
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	WGWC-17	0.284	n/a	2/11/2025	0.2ND	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-19	0.284	n/a	2/13/2025	0.058J	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-20	0.284	n/a	2/12/2025	0.2ND	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-21	0.284	n/a	2/13/2025	0.2ND	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-22	0.284	n/a	2/12/2025	0.2ND	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-23	0.284	n/a	2/13/2025	0.2ND	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-24	0.284	n/a	2/13/2025	0.2ND	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-25	0.284	n/a	2/12/2025	0.2ND	No	222	n/a	n/a	47.75	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-8	8.01	4.96	2/11/2025	5.23	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-9	8.01	4.96	2/11/2025	5.86	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-10	8.01	4.96	2/13/2025	6.27	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-11	8.01	4.96	2/11/2025	5.54	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-12	8.01	4.96	2/11/2025	6.63	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-13	8.01	4.96	2/12/2025	6.32	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-14A	8.01	4.96	2/12/2025	5.44	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-15	8.01	4.96	2/13/2025	7.87	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-16	8.01	4.96	2/12/2025	5.42	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-17	8.01	4.96	2/11/2025	6.26	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-19	8.01	4.96	2/13/2025	6.7	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-20	8.01	4.96	2/12/2025	5.33	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-21	8.01	4.96	2/13/2025	6.63	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-22	8.01	4.96	2/12/2025	5.47	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-23	8.01	4.96	2/13/2025	5.58	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	**WGWC-24**	**8.01**	**4.96**	**2/13/2025**	**4.49**	**Yes**	**221**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00009815**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	WGWC-25	8.01	4.96	2/12/2025	6.19	No	221	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**WGWC-8**	**21**	**n/a**	**2/11/2025**	**280**	**Yes**	**198**	**n/a**	**n/a**	**23.74**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**WGWC-9**	**21**	**n/a**	**2/11/2025**	**26**	**Yes**	**198**	**n/a**	**n/a**	**23.74**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	WGWC-10	21	n/a	2/13/2025	1.9	No	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-11	21	n/a	2/11/2025	0.41J	No	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-12	21	n/a	2/11/2025	13	No	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-13	21	n/a	2/12/2025	2.6	No	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-14A	21	n/a	2/12/2025	0.45J	No	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-15	21	n/a	2/13/2025	13	No	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**WGWC-16**	**21**	**n/a**	**2/12/2025**	**40**	**Yes**	**198**	**n/a**	**n/a**	**23.74**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	WGWC-17	21	n/a	2/11/2025	3.4	No	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-19	21	n/a	2/13/2025	3.3	No	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**WGWC-20**	**21**	**n/a**	**2/12/2025**	**470**	**Yes**	**198**	**n/a**	**n/a**	**23.74**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**WGWC-21**	**21**	**n/a**	**2/13/2025**	**350**	**Yes**	**198**	**n/a**	**n/a**	**23.74**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**WGWC-22**	**21**	**n/a**	**2/12/2025**	**66**	**Yes**	**198**	**n/a**	**n/a**	**23.74**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	WGWC-23	21	n/a	2/13/2025	7.3	No	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**WGWC-24**	**21**	**n/a**	**2/13/2025**	**79**	**Yes**	**198**	**n/a**	**n/a**	**23.74**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	WGWC-25	21	n/a	2/12/2025	17	No	198	n/a	n/a	23.74	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	**WGWC-8**	**190**	**n/a**	**2/11/2025**	**630**	**Yes**	**198**	**n/a**	**n/a**	**5.556**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	WGWC-9	190	n/a	2/11/2025	140	No	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-10	190	n/a	2/13/2025	58	No	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-11	190	n/a	2/11/2025	35	No	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-12	190	n/a	2/11/2025	96	No	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-13	190	n/a	2/12/2025	84	No	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-14A	190	n/a	2/12/2025	28	No	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-15	190	n/a	2/13/2025	140	No	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-16	190	n/a	2/12/2025	120	No	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-17	190	n/a	2/11/2025	81	No	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-19	190	n/a	2/13/2025	100	No	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	**WGWC-20**	**190**	**n/a**	**2/12/2025**	**1300**	**Yes**	**198**	**n/a**	**n/a**	**5.556**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**WGWC-21**	**190**	**n/a**	**2/13/2025**	**610**	**Yes**	**198**	**n/a**	**n/a**	**5.556**	**n/a**	**n/a**	**0.00005021**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	WGWC-22	190	n/a	2/12/2025	150	No	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-23	190	n/a	2/13/2025	140	No	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-24	190	n/a	2/13/2025	160	No	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-25	190	n/a	2/12/2025	170	No	198	n/a	n/a	5.556	n/a	n/a	0.00005021	NP Inter (normality) 1 of 2

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Hollow symbols indicate censored values.

Exceeds Limit: WGWC-8, WGWC-9, WGWC-16, WGWC-20, WGWC-21, WGWC-22, WGWC-24, WGWC-25

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 190 background values. 95.26% NDs. Annual per-constituent alpha = 0.00186. Individual comparison alpha = 0.00005474 (1 of 2). Comparing 17 points to limit.

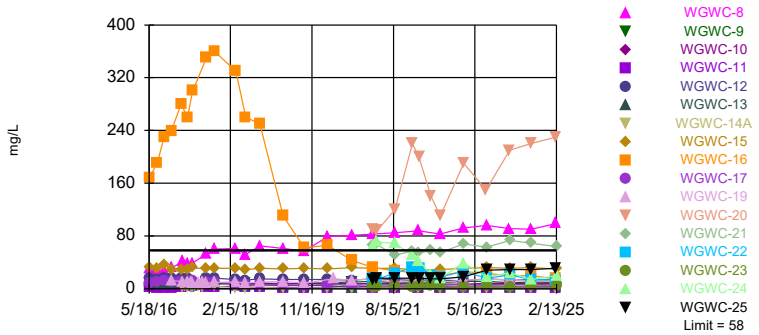
Constituent: Boron Analysis Run 4/11/2025 2:02 PM View: Appendix III Interwell
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Exceeds Limit: WGWC-8, WGWC-20, WGWC-21

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 198 background values. Annual per-constituent alpha = 0.001706. Individual comparison alpha = 0.00005021 (1 of 2). Comparing 17 points to limit.

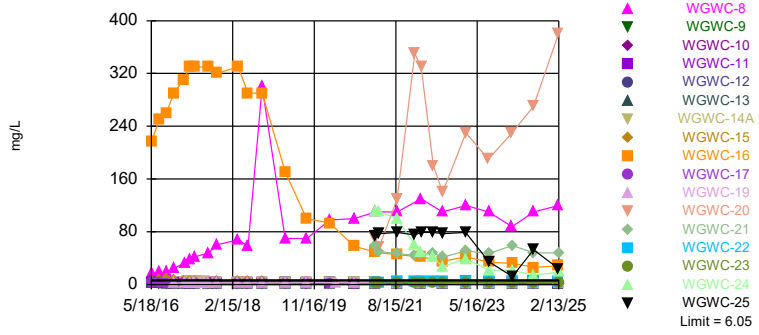
Constituent: Calcium Analysis Run 4/11/2025 2:02 PM View: Appendix III Interwell
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Exceeds Limit: WGWC-8, WGWC-16, WGWC-20, WGWC-21, WGWC-24, WGWC-25

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 198 background values. Annual per-constituent alpha = 0.001706. Individual comparison alpha = 0.00005021 (1 of 2). Comparing 17 points to limit.

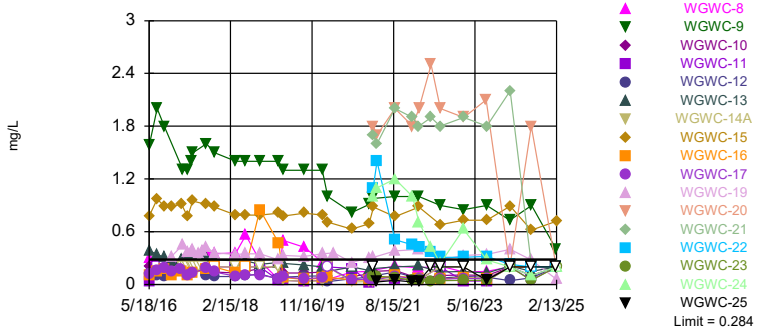
Constituent: Chloride Analysis Run 4/11/2025 2:02 PM View: Appendix III Interwell
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Hollow symbols indicate censored values.

Exceeds Limit: WGWC-9, WGWC-15

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 222 background values. 47.75% NDs. Annual per-constituent alpha = 0.001667. Individual comparison alpha = 0.00004908 (1 of 2). Comparing 17 points to limit.

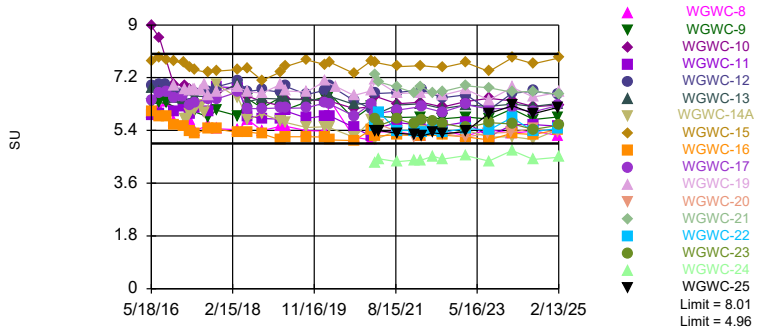
Constituent: Fluoride Analysis Run 4/11/2025 2:02 PM View: Appendix III Interwell
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Exceeds Limits: WGWC-24

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 221 background values. Annual per-constituent alpha = 0.003334. Individual comparison alpha = 0.00009815 (1 of 2). Comparing 17 points to limit.

Constituent: pH, Field Analysis Run 4/11/2025 2:02 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

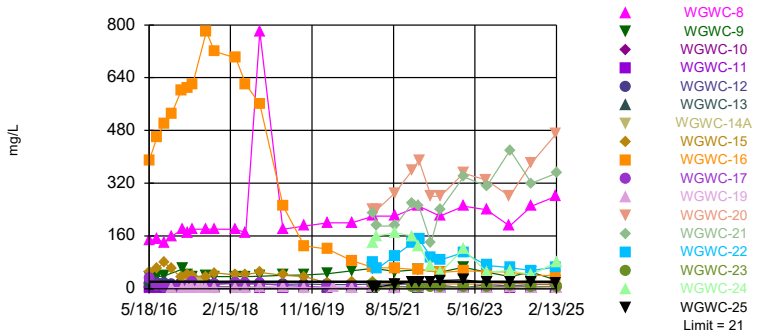
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Hollow symbols indicate censored values.

Exceeds Limit: WGWC-8, WGWC-9, WGWC-16, WGWC-20, WGWC-21, WGWC-22, WGWC-24

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 198 background values. 23.74% NDs. Annual per-constituent alpha = 0.001706. Individual comparison alpha = 0.00005021 (1 of 2). Comparing 17 points to limit.

Constituent: Sulfate Analysis Run 4/11/2025 2:02 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

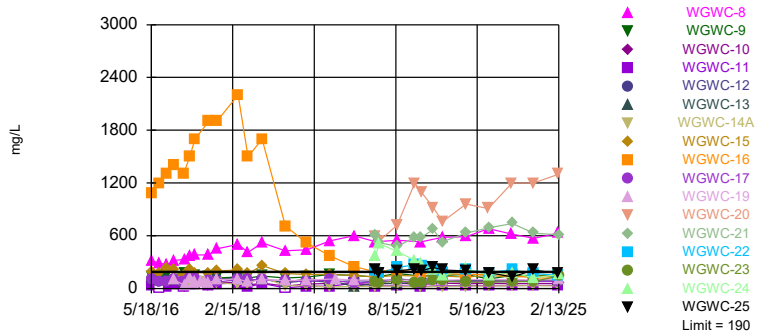
Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Exceeds Limit: WGWC-8, WGWC-20, WGWC-21

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 198 background values. 5.556% NDs. Annual per-constituent alpha = 0.001706. Individual comparison alpha = 0.00005021 (1 of 2). Comparing 17 points to limit.

Constituent: TDS Analysis Run 4/11/2025 2:02 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-17	WGWC-16	WGWC-15	WGWC-10	WGWA-7 (bg)	WGWA-6 (bg)
5/17/2016	<0.08	<0.08	<0.08						
5/18/2016				<0.08	4.48	<0.08	<0.08	<0.08	<0.08
5/19/2016									
7/19/2016	<0.08	<0.08	<0.08		4.7	<0.08		<0.08	<0.08
7/20/2016				<0.08			<0.08		
9/13/2016	<0.08	<0.08	<0.08					<0.08	<0.08
9/14/2016				<0.08	5.8	<0.08	<0.08		
9/15/2016									
11/9/2016	<0.08	<0.08	<0.08						<0.08
11/10/2016				<0.08	6.7	<0.08		<0.08	
11/11/2016							<0.08		
11/14/2016									
1/17/2017	<0.08		<0.08						
1/18/2017								<0.08	<0.08
1/19/2017		<0.08							
1/20/2017				<0.08					
1/24/2017					6.3	<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
3/15/2017					5.9		0.032 (J)		
3/17/2017									
4/11/2017									
4/24/2017	<0.08		<0.08						
4/25/2017		<0.08		<0.08	6.2	<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	6.3	<0.08			
8/10/2017							<0.08		
8/25/2017									
10/10/2017	<0.08		<0.08						
10/11/2017		<0.08		<0.08	6.8	<0.08		<0.08	<0.08
10/12/2017							<0.08		
6/13/2018	<0.08	<0.08							<0.08
6/14/2018			<0.08	<0.08	5.4	<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	
10/4/2018				<0.08	5.5		<0.08		
4/1/2019	<0.08		<0.08						
4/2/2019		<0.08						<0.08	<0.08
4/3/2019									
4/4/2019				0.049 (J)	3.2	<0.08	0.024 (J)		

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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-17	WGWC-16	WGWC-15	WGWC-10	WGWA-7 (bg)	WGWA-6 (bg)
9/16/2019	<0.08								<0.08
9/17/2019		<0.08	<0.08						
9/18/2019				<0.08	2.1	<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
3/18/2020				0.049 (J)	2	0.071 (J)	0.049 (J)		
3/19/2020									
5/4/2020									
9/21/2020			<0.08						
9/22/2020	<0.08	<0.08						<0.08	<0.08
9/23/2020				<0.08	1.5	<0.08	<0.08		
9/24/2020									
3/8/2021									
3/9/2021									
3/10/2021		<0.08	0.039 (J)					<0.08	
3/11/2021	<0.08			<0.08	1.1		<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
8/25/2021		0.1		<0.08	0.89				
8/26/2021						<0.08	<0.08		
1/11/2022									
1/12/2022									
2/28/2022									
3/1/2022	<0.08		<0.08						<0.08
3/3/2022		0.1			0.79	<0.08	<0.08	<0.08	
3/4/2022				<0.08					
6/6/2022									
6/7/2022									
8/15/2022	<0.08		0.066 (J)						<0.08
8/16/2022		<0.08		<0.08				<0.08	
8/17/2022					0.73	<0.08			
8/18/2022									
8/19/2022							<0.08		
2/14/2023	0.026 (J)	<0.08	0.023 (J)					0.033 (J)	<0.08
2/15/2023					0.86	<0.08			
2/16/2023				<0.08			0.04 (J)		
8/11/2023									
8/14/2023	<0.08		<0.08						
8/15/2023		<0.08			0.81			<0.08	<0.08
8/16/2023				<0.08		<0.08			
8/17/2023							0.031 (J)		
2/13/2024	<0.08	<0.08	<0.08					<0.08	<0.08
2/14/2024									
2/15/2024				0.027 (J)	0.74	<0.08	<0.08		
2/16/2024									
7/30/2024	<0.08	<0.08	<0.08		0.66			<0.08	<0.08
7/31/2024				0.055 (J)		<0.08	<0.08		
8/1/2024									

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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-17	WGWC-16	WGWC-15	WGWC-10	WGWA-7 (bg)	WGWA-6 (bg)
8/2/2024									
2/10/2025	<0.08		<0.08						
2/11/2025		<0.08		<0.08				<0.08	<0.08
2/12/2025					0.56				
2/13/2025						<0.08	<0.08		

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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-5 (bg)	WGWA-4 (bg)	WGWA-3 (bg)	WGWC-13	WGWC-12	WGWC-9	WGWC-8	WGWC-11	WGWC-19
5/17/2016									
5/18/2016	<0.08	<0.08	<0.08						
5/19/2016				0.0252 (J)	<0.08	0.314	1.42	<0.08	
7/19/2016	<0.08								
7/20/2016		<0.08	<0.08	<0.08	<0.08	0.25	1.4	<0.08	
9/13/2016		<0.08	<0.08						
9/14/2016	<0.08			<0.08	<0.08	0.3		<0.08	
9/15/2016							1.2		
11/9/2016									
11/10/2016		<0.08	<0.08	<0.08					
11/11/2016					<0.08			<0.08	<0.08
11/14/2016							1.3		
1/17/2017									
1/18/2017		<0.08	<0.08						
1/19/2017	<0.08								
1/20/2017									
1/24/2017									
1/27/2017				0.033 (J)	0.047 (J)			0.021 (J)	
2/6/2017							1.8		<0.08
2/8/2017									
2/9/2017						0.61			
2/23/2017									
3/13/2017									
3/14/2017	<0.08	<0.08	<0.08						
3/15/2017				<0.08	0.024 (J)	0.42	1.7	0.058	0.034 (J)
3/17/2017									
4/11/2017						0.37			<0.08
4/24/2017									
4/25/2017	<0.08	<0.08	<0.08						
4/26/2017				<0.08	<0.08	0.38	2	<0.08	<0.08
5/17/2017									
6/7/2017									<0.08
7/11/2017									<0.08
8/8/2017			<0.08						
8/9/2017	<0.08	<0.08		<0.08					
8/10/2017					<0.08	0.29	1.8	<0.08	<0.08
8/25/2017	<0.08								
10/10/2017									
10/11/2017	<0.08	<0.08	<0.08						
10/12/2017				<0.08	<0.08	0.36	1.8	<0.08	<0.08
6/13/2018	<0.08								
6/14/2018		<0.08	<0.08	<0.08	<0.08	0.39	1.7	<0.08	<0.08
9/24/2018									
9/27/2018									
9/28/2018									
10/2/2018									
10/3/2018	<0.08	<0.08	<0.08						
10/4/2018				<0.08	<0.08	0.37	1.9	<0.08	<0.08
4/1/2019									
4/2/2019	<0.08	<0.08	<0.08						<0.08
4/3/2019				<0.08	<0.08	0.35	1.7	<0.08	
4/4/2019									

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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-5 (bg)	WGWA-4 (bg)	WGWA-3 (bg)	WGWC-13	WGWC-12	WGWC-9	WGWC-8	WGWC-11	WGWC-19
9/16/2019	<0.08								
9/17/2019		<0.08							
9/18/2019			<0.08	<0.08					<0.08
9/19/2019					<0.08	0.39	1.7	<0.08	
3/16/2020									
3/17/2020	<0.08	<0.08	<0.08						
3/18/2020					0.039 (J)			<0.08	
3/19/2020				0.053 (J)		0.55	2.2		
5/4/2020									<0.08
9/21/2020		<0.08	<0.08						
9/22/2020	<0.08						2.5		
9/23/2020					<0.08	0.68			<0.08
9/24/2020				<0.08				<0.08	
3/8/2021									
3/9/2021									
3/10/2021	<0.08	<0.08	<0.08						
3/11/2021				<0.08			2.4		<0.08
3/12/2021					<0.08	0.64		<0.08	
4/7/2021									
4/8/2021									
8/23/2021									
8/24/2021	<0.08	<0.08							
8/25/2021			<0.08	0.063 (J)	<0.08			<0.08	
8/26/2021						0.56	2.4		<0.08
1/11/2022									
1/12/2022									
2/28/2022		<0.08							
3/1/2022	<0.08		<0.08						
3/3/2022				<0.08		0.62	2.7	<0.08	<0.08
3/4/2022					<0.08				
6/6/2022									
6/7/2022									
8/15/2022	<0.08								
8/16/2022		<0.08	<0.08				2.3	<0.08	
8/17/2022						0.55			<0.08
8/18/2022				<0.08	<0.08				
8/19/2022									
2/14/2023	0.03 (J)		<0.08						
2/15/2023		<0.08				0.69			
2/16/2023				0.033 (J)	0.024 (J)		2.8	<0.08	<0.08
8/11/2023									
8/14/2023									
8/15/2023	<0.08	<0.08	<0.08				2.8		
8/16/2023				<0.08	<0.08	0.6		<0.08	<0.08
8/17/2023									
2/13/2024		<0.08	<0.08				3		
2/14/2024					<0.08	0.56			
2/15/2024				<0.08					<0.08
2/16/2024	<0.08							<0.08	
7/30/2024		<0.08	<0.08						
7/31/2024				<0.08	0.025 (J)			<0.08	<0.08
8/1/2024						0.61	2.8		

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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-5 (bg)	WGWA-4 (bg)	WGWA-3 (bg)	WGWC-13	WGWC-12	WGWC-9	WGWC-8	WGWC-11	WGWC-19
8/2/2024									
2/10/2025			<0.08						
2/11/2025		<0.08			<0.08	0.58	3.6	<0.08	
2/12/2025				<0.08					
2/13/2025									<0.08

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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-25	WGWC-20	WGWC-23	WGWC-21	WGWC-22	WGWC-24
5/17/2016							
5/18/2016							
5/19/2016							
7/19/2016							
7/20/2016							
9/13/2016							
9/14/2016							
9/15/2016							
11/9/2016							
11/10/2016							
11/11/2016							
11/14/2016							
1/17/2017							
1/18/2017							
1/19/2017							
1/20/2017							
1/24/2017							
1/27/2017							
2/6/2017							
2/8/2017	<0.08						
2/9/2017							
2/23/2017	<0.08						
3/13/2017							
3/14/2017							
3/15/2017							
3/17/2017	<0.08						
4/11/2017	<0.08						
4/24/2017							
4/25/2017							
4/26/2017	<0.08						
5/17/2017	<0.08						
6/7/2017	<0.08						
7/11/2017	<0.08						
8/8/2017							
8/9/2017							
8/10/2017							
8/25/2017							
10/10/2017							
10/11/2017	<0.08						
10/12/2017							
6/13/2018							
6/14/2018	<0.08						
9/24/2018							
9/27/2018							
9/28/2018							
10/2/2018							
10/3/2018							
10/4/2018	<0.08						
4/1/2019							
4/2/2019							
4/3/2019	<0.08						
4/4/2019							

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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-25	WGWC-20	WGWC-23	WGWC-21	WGWC-22	WGWC-24
9/16/2019							
9/17/2019							
9/18/2019	<0.08						
9/19/2019							
3/16/2020							
3/17/2020							
3/18/2020							
3/19/2020	0.039 (J)						
5/4/2020							
9/21/2020							
9/22/2020							
9/23/2020							
9/24/2020	<0.08						
3/8/2021		0.48	1.3				
3/9/2021				0.073 (J)	0.19	0.33	1.8
3/10/2021							
3/11/2021	<0.08						
3/12/2021							
4/7/2021				<0.08	0.13		1.9
4/8/2021		0.43	0.98			0.21	
8/23/2021							
8/24/2021							
8/25/2021	0.043 (J)						
8/26/2021		0.7	2.1	0.052 (J)	0.087	0.36	2.1
1/11/2022		0.87		0.048 (J)	0.12	0.39	1.7
1/12/2022			4.9				
2/28/2022							
3/1/2022							
3/3/2022	<0.08				0.12		1.6
3/4/2022		0.72	4.3	<0.08		0.41	
6/6/2022				<0.08	0.13		0.64
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	<0.08					0.33	
2/14/2023							
2/15/2023		0.89		0.049 (J)		0.39	1.4
2/16/2023	0.03 (J)		3.5		0.14		
8/11/2023			3.1				
8/14/2023							
8/15/2023		0.57					
8/16/2023	<0.08						
8/17/2023				<0.08	0.12	0.33	0.59
2/13/2024			5.6				
2/14/2024						0.33	1
2/15/2024	<0.08	0.29		<0.08	0.14		
2/16/2024							
7/30/2024							
7/31/2024		0.76	5.7	0.076 (J)			0.54
8/1/2024					0.11		

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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-25	WGWC-20	WGWC-23	WGWC-21	WGWC-22	WGWC-24
8/2/2024	<0.08					0.31	
2/10/2025							
2/11/2025							
2/12/2025	0.027 (J)	0.36	7.4			0.32	
2/13/2025				0.024 (J)	0.12		0.94

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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-17	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWC-16	WGWA-7 (bg)
5/17/2016	0.927	23.7	12.2						
5/18/2016				8.24	1.7	27	2.1	168	1.36
5/19/2016									
7/19/2016	1	23	13		1.5	23		190	0.88
7/20/2016				11			1.7		
9/13/2016	0.44	23	13			25	1.3		0.93
9/14/2016				12	52			230	
9/15/2016									
11/9/2016	1.1	6.7	19			25			
11/10/2016				11			1.6	240	6.1
11/11/2016									
11/14/2016									
1/17/2017	1.4		28						
1/18/2017						26	1.7		10
1/19/2017		8.5			13				
1/20/2017				10					
1/24/2017								280	
1/27/2017									
2/6/2017									
2/8/2017									
2/9/2017									
2/23/2017									
3/13/2017	1.1		14						
3/14/2017		13		8.8	1.6	20	1.8		1.3
3/15/2017								260	
3/17/2017									
4/11/2017									
4/24/2017	1.1		12						
4/25/2017		23		12	1.5	28	2	300	1.9
4/26/2017									
5/17/2017									
6/7/2017									
7/11/2017									
8/8/2017	1.1	24	18			26	2		4.8
8/9/2017				11	1.3			350	
8/10/2017									
8/25/2017					1.5				
10/10/2017	1.2		21						
10/11/2017		23		10	1.5	29	2.1	360	0.93
10/12/2017									
3/27/2018	1.2		15						
3/28/2018		24			1.1	26	1.8		0.9
3/29/2018								330	
3/30/2018				7.2					
6/13/2018	1.1	11			1.2	25			
6/14/2018			12	6.2			2	260	0.94
9/24/2018			11						
9/27/2018	1.2								
9/28/2018		11							
10/2/2018						26			
10/3/2018					1.4		1.8		1.2
10/4/2018				6.4				250	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-17	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWC-16	WGWA-7 (bg)
4/1/2019	1		12						
4/2/2019		20			1.1	25	1.8		1.1
4/3/2019									
4/4/2019				5.6				110	
9/16/2019	1.3				36	25			
9/17/2019		10	13						
9/18/2019				5.5			1.6	62	1.5
9/19/2019									
3/16/2020	1.1		10						
3/17/2020		10			1.4	26	1.7		0.82
3/18/2020				6.3				66	
3/19/2020									
5/4/2020									
9/21/2020			13				1.8		
9/22/2020	1.2	19			58	25			0.89
9/23/2020				5.9				43	
9/24/2020									
3/8/2021									
3/9/2021									
3/10/2021		7.7	11		1.3		1.9		0.89
3/11/2021	1.3			5.7		26		32	
3/12/2021									
4/7/2021									
4/8/2021									
8/23/2021			13						
8/24/2021	1.2				47	26			1.7
8/25/2021		16		6			1.7	27	
8/26/2021									
1/11/2022									
1/12/2022									
2/28/2022									
3/1/2022	1.1		13		2.1	22	1.6		
3/3/2022		6.1						24	1.4
3/4/2022				5.3					
6/6/2022									
6/7/2022									
8/15/2022	1.2		12		51	24			
8/16/2022		8.8		5.6			1.8		0.94
8/17/2022								20	
8/18/2022									
8/19/2022									
2/14/2023	1.4	5.7	12		1.3	29	2		1.3
2/15/2023								26	
2/16/2023				6					
8/11/2023									
8/14/2023	1.5		14						
8/15/2023		8.3			26	27	1.9	23	1.8
8/16/2023				6.3					
8/17/2023									
2/13/2024	1.3	4.6	12			27	1.7		11
2/14/2024									
2/15/2024				6.2				20	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-17	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWC-16	WGWA-7 (bg)
2/16/2024					0.92				
7/30/2024	1.4	15	16			29	1.9	20	1.6
7/31/2024				6.8					
8/1/2024									
8/2/2024									
2/10/2025	1.4		16				1.8		
2/11/2025		4.4		5.8		27			8.7
2/12/2025								15	
2/13/2025									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-10	WGWA-4 (bg)	WGWC-11	WGWC-13	WGWC-12	WGWC-8	WGWC-9	WGWC-19
5/17/2016									
5/18/2016	32.5	7.17	17.9						
5/19/2016				1.95	11.4	15.8	31.4	8.53	
7/19/2016	30								
7/20/2016		7	15	1.5	7.1	14	28	8.2	
9/13/2016			16						
9/14/2016	37	7.7		1.8	7.4	16		8.8	
9/15/2016							27		
11/9/2016									
11/10/2016	29		15		6.4				
11/11/2016		8.2		1.7		15			12
11/14/2016							32		
1/17/2017									
1/18/2017			17						
1/19/2017									
1/20/2017									
1/24/2017	28								
1/27/2017				3.5	6.2	16			
2/6/2017		9.1					41		11
2/8/2017									
2/9/2017								10	
2/23/2017									
3/13/2017									
3/14/2017	29		17						
3/15/2017		9		3.8	6.7	16	38	8.6	10
3/17/2017									
4/11/2017								8.6	11
4/24/2017									
4/25/2017	32		17						
4/26/2017		8.1		4	6.5	3	39	7.1	8.4
5/17/2017									
6/7/2017									9
7/11/2017									9.5
8/8/2017									
8/9/2017	30		15		7				
8/10/2017		8.1		3.5		15	53	7.5	8.8
8/25/2017									
10/10/2017									
10/11/2017	31		17						
10/12/2017		8.6		2.7	7	16	60	8.2	9.5
3/27/2018									
3/28/2018			15						
3/29/2018				3.9	7	14	61	7.6	10
3/30/2018	31	9							
6/13/2018									
6/14/2018	29	7.7	15	2.2	5.5	13	52	7.5	8.9
9/24/2018									
9/27/2018									
9/28/2018									
10/2/2018									
10/3/2018	31		16						
10/4/2018		8.5		2	5.9	15	65	8	10

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-10	WGWA-4 (bg)	WGWC-11	WGWC-13	WGWC-12	WGWC-8	WGWC-9	WGWC-19
4/1/2019									
4/2/2019			15						11
4/3/2019				1.7	4.7	14	61	7.2	
4/4/2019	30	7.9							
9/16/2019									
9/17/2019			16						
9/18/2019	31				4.9				8.8
9/19/2019		7.5		1.4		14	57	8.1	
3/16/2020									
3/17/2020			15						
3/18/2020	30	7.5		1.6		14			
3/19/2020					5		79	9.3	
5/4/2020									15
9/21/2020			16						
9/22/2020							81		
9/23/2020	32	7.7				13		10	13
9/24/2020				5.2	1.4				
3/8/2021									
3/9/2021									
3/10/2021			16						
3/11/2021		7.9			4		83		15
3/12/2021	31			1.6		15		11	
4/7/2021									
4/8/2021									
8/23/2021									
8/24/2021			15						
8/25/2021				1.5	4	14			
8/26/2021	31	7.6					85	9.3	10
1/11/2022									
1/12/2022									
2/28/2022			14						
3/1/2022									
3/3/2022	28	7.1		1.3	3.4		88	8.6	12
3/4/2022						12			
6/6/2022									
6/7/2022									
8/15/2022									
8/16/2022			16	1.6			83		
8/17/2022	29							9	9.8
8/18/2022					3.5	13			
8/19/2022		7.3							
2/14/2023									
2/15/2023	31		18					11	
2/16/2023		6.9		1.7	3.8	12	92		13
8/11/2023									
8/14/2023									
8/15/2023			17				96		
8/16/2023	32			1.7	4.1	15		11	14
8/17/2023		8							
2/13/2024			17				91		
2/14/2024						13		9.1	
2/15/2024	31	7.7			3.7				14

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-10	WGWA-4 (bg)	WGWC-11	WGWC-13	WGWC-12	WGWC-8	WGWC-9	WGWC-19
2/16/2024				1.6					
7/30/2024			18						
7/31/2024	32	8		1.8	3.8	14			12
8/1/2024							90	10	
8/2/2024									
2/10/2025									
2/11/2025			17	1.7		14	99	9.6	
2/12/2025					3.8				
2/13/2025	30	8							13

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-24	WGWC-23	WGWC-21	WGWC-22
5/17/2016							
5/18/2016							
5/19/2016							
7/19/2016							
7/20/2016							
9/13/2016							
9/14/2016							
9/15/2016							
11/9/2016							
11/10/2016							
11/11/2016							
11/14/2016							
1/17/2017							
1/18/2017							
1/19/2017							
1/20/2017							
1/24/2017							
1/27/2017							
2/6/2017							
2/8/2017	3.2						
2/9/2017							
2/23/2017	4.1						
3/13/2017							
3/14/2017							
3/15/2017							
3/17/2017	2.4						
4/11/2017	4.1						
4/24/2017							
4/25/2017							
4/26/2017	2.5						
5/17/2017	5.2						
6/7/2017	5.2						
7/11/2017	2.3						
8/8/2017							
8/9/2017							
8/10/2017							
8/25/2017							
10/10/2017							
10/11/2017	3.8						
10/12/2017							
3/27/2018							
3/28/2018							
3/29/2018	1.2						
3/30/2018							
6/13/2018							
6/14/2018	1.1						
9/24/2018							
9/27/2018							
9/28/2018							
10/2/2018							
10/3/2018							
10/4/2018	2						

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-24	WGWC-23	WGWC-21	WGWC-22
4/1/2019							
4/2/2019							
4/3/2019	0.84						
4/4/2019							
9/16/2019							
9/17/2019							
9/18/2019	0.85						
9/19/2019							
3/16/2020							
3/17/2020							
3/18/2020							
3/19/2020	0.89						
5/4/2020							
9/21/2020							
9/22/2020							
9/23/2020							
9/24/2020	0.99						
3/8/2021		90	14				
3/9/2021				65	3.2	66	15
3/10/2021							
3/11/2021	0.79						
3/12/2021							
4/7/2021				71	2.7	67	
4/8/2021		88	16				14
8/23/2021							
8/24/2021							
8/25/2021	0.7						
8/26/2021		120	16	69	4.6	51	24
1/11/2022			16	51	3.1	57	32
1/12/2022		220					
2/28/2022							
3/1/2022							
3/3/2022	0.65			42		54	
3/4/2022		200	16		4		31
6/6/2022				22	4.5	58	
6/7/2022		140	15				19
8/15/2022							
8/16/2022						55	
8/17/2022			15		4.6		
8/18/2022		110		16			
8/19/2022	0.64						18
2/14/2023							
2/15/2023			18	39	2.4		26
2/16/2023	0.69	190				68	
8/11/2023		150					
8/14/2023							
8/15/2023			28				
8/16/2023	0.7						
8/17/2023				18	4.2	63	16
2/13/2024		210					
2/14/2024				24			21
2/15/2024	0.66		29		2.5	73	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-24	WGWC-23	WGWC-21	WGWC-22
2/16/2024							
7/30/2024							
7/31/2024		220	29	14	4.2		
8/1/2024						69	
8/2/2024	0.68						14
2/10/2025							
2/11/2025							
2/12/2025	0.77	230	31				13
2/13/2025				20	4.4	64	

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-17	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWC-16	WGWA-7 (bg)
5/17/2016	3.8	6.05	2.5						
5/18/2016				2.72	2.14	1.58	1.92	217	2.06
5/19/2016									
7/19/2016	3.9	4	2.6		2.4	1.6		250	2.1
7/20/2016				1.9			1.8		
9/13/2016	3.6	3.1	2.4			1.4	1.7		2
9/14/2016				1.6	2.1			260	
9/15/2016									
11/9/2016	3.9	2.3	2.3			1.5			
11/10/2016				1.6			1.6	290	1.8
11/11/2016									
11/14/2016									
1/17/2017	3.8		2.3						
1/18/2017						1.5	1.7		1.8
1/19/2017		2			1.8				
1/20/2017				1.5					
1/24/2017								310	
1/27/2017									
2/6/2017									
2/8/2017									
2/9/2017									
2/23/2017									
3/13/2017	3.4		2.2						
3/14/2017		1.9		1.5	2	2.5	1.6		1.8
3/15/2017								330	
3/17/2017									
4/11/2017									
4/24/2017	3.4		2.2						
4/25/2017		1.9		1.8	1.8	1.3	1.6	330	1.8
4/26/2017									
5/17/2017									
6/7/2017									
7/11/2017									
8/8/2017	3.6	2	2.3			1.4	1.7		1.9
8/9/2017				1.4	1.9			330	
8/10/2017									
8/25/2017					2				
10/10/2017	3.6		2.5						
10/11/2017		1.9		1.5	2.1	1.3	1.6	320	1.8
10/12/2017									
3/27/2018	3.6		2.2						
3/28/2018		2.2			1.4	1.3	1.6		1.8
3/29/2018								330	
3/30/2018				1.5					
6/13/2018	3.8	2			1.7	1.4			
6/14/2018			2.3	1.5			1.6	290	1.7
9/24/2018			2.4						
9/27/2018	4								
9/28/2018		2.1							
10/2/2018						1.4			
10/3/2018					1.8		1.6		1.8
10/4/2018				1.5				290	

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-17	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWC-16	WGWA-7 (bg)
4/1/2019	4		2.4						
4/2/2019		2.6			1.7	1.5	1.7		1.9
4/3/2019									
4/4/2019				1.4				170	
9/16/2019	4				1.8	1.5			
9/17/2019		2	2.4						
9/18/2019				1.5			1.7	100	2
9/19/2019									
3/16/2020	4.3		2.7						
3/17/2020		2.3			1.6	1.7	1.8		2.2
3/18/2020				1.5				93	
3/19/2020									
5/4/2020									
9/21/2020			2.5				1.5		
9/22/2020	4	2.1			1.5	1.4			1.8
9/23/2020				1.2				58	
9/24/2020									
3/8/2021									
3/9/2021									
3/10/2021		1.9	2.6		1.8		1.8		1.9
3/11/2021	4.5			1.3		1.5		49	
3/12/2021									
4/7/2021									
4/8/2021									
8/23/2021			3.3						
8/24/2021	5.1				2.1	1.8			1.9
8/25/2021		2.3		1.6			1.9	45	
8/26/2021									
1/11/2022									
1/12/2022									
2/28/2022									
3/1/2022	4.1		2.7		1.5	1.5	1.8		
3/3/2022		2						42	2.1
3/4/2022				1.3					
6/6/2022									
6/7/2022									
8/15/2022	4		2.7		1.5	1.5			
8/16/2022		1.9		1.3			1.6		1.9
8/17/2022								35	
8/18/2022									
8/19/2022									
2/14/2023	3.9	1.9	2.6		1.3	1.5	1.6		1.8
2/15/2023								42	
2/16/2023				1.2					
8/11/2023									
8/14/2023	3.8		2.5						
8/15/2023		1.8			1.2	1.4	1.6	34	1.7
8/16/2023				1.1					
8/17/2023									
2/13/2024	3.5	1.7	2.4			1.4	1.5		1.6
2/14/2024									
2/15/2024				1.6				32	

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-17	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWC-16	WGWA-7 (bg)
2/16/2024					1.6				
7/30/2024	3.9	2.1	2.9			1.8	1.8	26	2
7/31/2024				1.6					
8/1/2024									
8/2/2024									
2/10/2025	4.6		3.3				2		
2/11/2025		2.5		1.9		1.8			2.4
2/12/2025								28	
2/13/2025									

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-10	WGWA-4 (bg)	WGWC-11	WGWC-13	WGWC-12	WGWC-8	WGWC-9	WGWC-19
5/17/2016									
5/18/2016	4.59	1.45	1.45						
5/19/2016				3.21	2.26	3.8	17.5	1.46	
7/19/2016	5.9								
7/20/2016		1.6	1.4	3.4	1.9	3.8	19	1.5	
9/13/2016			1.4						
9/14/2016	7.9	1.5		3.1	1.6	3.7		1.4	
9/15/2016							19		
11/9/2016									
11/10/2016	6.5		1.3		1.4				
11/11/2016		1.5		3.2		3.5			2.6
11/14/2016							25		
1/17/2017									
1/18/2017			1.3						
1/19/2017									
1/20/2017									
1/24/2017	4.1								
1/27/2017				3.4	1.4	3.1			
2/6/2017		1.4					33		2.6
2/8/2017									
2/9/2017								1.5	
2/23/2017									
3/13/2017									
3/14/2017	4.4		1.2						
3/15/2017		1.4		3.1	1.4	3.2	38	1.3	2.4
3/17/2017									
4/11/2017								1.2	2.3
4/24/2017									
4/25/2017	4		1.2						
4/26/2017		1.3		3.1	1.3	3.2	42	1.2	2.3
5/17/2017									
6/7/2017									2.5
7/11/2017									2.3
8/8/2017									
8/9/2017	3.6		1.2		1.4				
8/10/2017		1.4		3.1		3.4	48	1.3	2.5
8/25/2017									
10/10/2017									
10/11/2017	5		1.2						
10/12/2017		1.3		3	1.2	3.1	60	1.4	2.3
3/27/2018									
3/28/2018			1.1						
3/29/2018				3.1	1.2	3.1	68	1.2	2.3
3/30/2018	4.2	1.3							
6/13/2018									
6/14/2018	4.3	1.3	1.2	3	1.2	3	58	1.2	2.4
9/24/2018									
9/27/2018									
9/28/2018									
10/2/2018									
10/3/2018	4.8		1.2						
10/4/2018		1.3		3.1	1.2	3.1	300	1.2	2.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-10	WGWA-4 (bg)	WGWC-11	WGWC-13	WGWC-12	WGWC-8	WGWC-9	WGWC-19
4/1/2019									
4/2/2019			1.2						2.5
4/3/2019				3.3	1.2	3	70	2	
4/4/2019	3.7	1.4							
9/16/2019									
9/17/2019			1.2						
9/18/2019	3.2				1.2				2.7
9/19/2019		1.5		3.2		3.2	70	1.5	
3/16/2020									
3/17/2020			1.4						
3/18/2020	1.7	1.5		3.2		3.2			
3/19/2020					1.3		98	2.1	
5/4/2020									2.8
9/21/2020			1.2						
9/22/2020							100		
9/23/2020	1.5	1.3				2.8		2.4	2.6
9/24/2020				1	1.6				
3/8/2021									
3/9/2021									
3/10/2021			1.2						
3/11/2021		1.7			1.2		110		2.9
3/12/2021	1.6			3.6		3.5		3.4	
4/7/2021									
4/8/2021									
8/23/2021									
8/24/2021			1.5						
8/25/2021				3.5	1.2	3.7			
8/26/2021	1.4	1.6					110	3.1	3.3
1/11/2022									
1/12/2022									
2/28/2022			1.2						
3/1/2022									
3/3/2022	1.4	1.6		3.6	1		130	3.5	3.2
3/4/2022						3.2			
6/6/2022									
6/7/2022									
8/15/2022									
8/16/2022			1.2	3.5			110		
8/17/2022	1.2							3.2	2.8
8/18/2022					0.98 (J)	3			
8/19/2022		1.4							
2/14/2023									
2/15/2023	1		1.2					3.9	
2/16/2023		1.3		3.3	0.97 (J)	2.9	120		2.6
8/11/2023									
8/14/2023									
8/15/2023			1.2				110		
8/16/2023	0.95 (J)			3.3	0.91 (J)	2.8		3.3	2.5
8/17/2023		1.3							
2/13/2024			1.1				88		
2/14/2024						2.8		3.2	
2/15/2024	1.4	1.8			1.3				3.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-10	WGWA-4 (bg)	WGWC-11	WGWC-13	WGWC-12	WGWC-8	WGWC-9	WGWC-19
2/16/2024				4.3					
7/30/2024			1.8						
7/31/2024	1.3	1.7		3.8	1.2	3.4			3.1
8/1/2024							110	4.3	
8/2/2024									
2/10/2025									
2/11/2025			1.7	0.45 (J)		3.7	120	2	
2/12/2025					1.3				
2/13/2025	1.1	1.5							3.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-24	WGWC-23	WGWC-21	WGWC-22
5/17/2016							
5/18/2016							
5/19/2016							
7/19/2016							
7/20/2016							
9/13/2016							
9/14/2016							
9/15/2016							
11/9/2016							
11/10/2016							
11/11/2016							
11/14/2016							
1/17/2017							
1/18/2017							
1/19/2017							
1/20/2017							
1/24/2017							
1/27/2017							
2/6/2017							
2/8/2017	2.5						
2/9/2017							
2/23/2017	4.3						
3/13/2017							
3/14/2017							
3/15/2017							
3/17/2017	4.8						
4/11/2017	3.8						
4/24/2017							
4/25/2017							
4/26/2017	4.8						
5/17/2017	3.9						
6/7/2017	3.2						
7/11/2017	4.1						
8/8/2017							
8/9/2017							
8/10/2017							
8/25/2017							
10/10/2017							
10/11/2017	2.2						
10/12/2017							
3/27/2018							
3/28/2018							
3/29/2018	2.5						
3/30/2018							
6/13/2018							
6/14/2018	2.8						
9/24/2018							
9/27/2018							
9/28/2018							
10/2/2018							
10/3/2018							
10/4/2018	2.2						

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-24	WGWC-23	WGWC-21	WGWC-22
4/1/2019							
4/2/2019							
4/3/2019	2.4						
4/4/2019							
9/16/2019							
9/17/2019							
9/18/2019	2.2						
9/19/2019							
3/16/2020							
3/17/2020							
3/18/2020							
3/19/2020	1.9						
5/4/2020							
9/21/2020							
9/22/2020							
9/23/2020							
9/24/2020	3.1						
3/8/2021		70	74				
3/9/2021				110	3.5	58	2.9
3/10/2021							
3/11/2021	2.6						
3/12/2021							
4/7/2021				110	3.7	50	
4/8/2021		57	77				2.4
8/23/2021							
8/24/2021							
8/25/2021	2.8						
8/26/2021		130	79	100	3.3	47	4.2
1/11/2022			75	60	2.9	44	5.1
1/12/2022		350					
2/28/2022							
3/1/2022							
3/3/2022	2.4			50		45	
3/4/2022		330	79		2.9		5.3
6/6/2022				41	3.1	48	
6/7/2022		180	79				4.3
8/15/2022							
8/16/2022						41	
8/17/2022			77		3.2		
8/18/2022		140		27			
8/19/2022	2.1						4.2
2/14/2023							
2/15/2023			79	39	2.9		4.6
2/16/2023	1.9	230				51	
8/11/2023		190					
8/14/2023							
8/15/2023			35				
8/16/2023	1.8						
8/17/2023				22	2.9	47	3.9
2/13/2024		230					
2/14/2024				22			4.1
2/15/2024	2.5		12		3.5	59	

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-24	WGWC-23	WGWC-21	WGWC-22
2/16/2024							
7/30/2024							
7/31/2024		270	53	14	3.2		
8/1/2024						48	
8/2/2024	2.4						4.4
2/10/2025							
2/11/2025							
2/12/2025	2.4	380	24				4.1
2/13/2025				19	3.1	48	

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWC-10	WGWC-15
5/17/2016	0.0131 (J)	0.284 (J)	0.0538 (J)						
5/18/2016				0.164 (J)	0.014 (J)	0.106 (J)	0.018 (J)	0.206 (J)	0.779
5/19/2016									
7/19/2016	<0.2	0.21	<0.2		<0.2	0.11 (J)	<0.2		0.97
7/20/2016				0.17 (J)				0.23	
9/13/2016	<0.2	0.15 (J)	<0.2	0.15 (J)		0.11 (J)	<0.2		
9/14/2016					0.095 (J)			0.17 (J)	0.89
9/15/2016									
11/9/2016	<0.2	<0.2	0.085 (J)			0.1 (J)			
11/10/2016				0.12 (J)			<0.2		0.88
11/11/2016								0.14 (J)	
11/14/2016									
1/17/2017	<0.2		<0.2						
1/18/2017				0.15 (J)		0.11 (J)	<0.2		
1/19/2017		0.087 (J)			<0.2				
1/20/2017									
1/24/2017									0.92
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		0.13 (J)	<0.2	<0.2	<0.2		0.77
3/15/2017								0.16 (J)	
3/17/2017									
4/11/2017									
4/24/2017	<0.2		<0.2						
4/25/2017		<0.2		0.12 (J)	<0.2	<0.2	<0.2		0.95
4/26/2017								0.17 (J)	
5/17/2017									
6/7/2017									
7/11/2017									
8/8/2017	<0.2	0.087 (J)	<0.2			0.099 (J)	<0.2		
8/9/2017				0.14 (J)	<0.2				0.91
8/10/2017								0.2	
8/25/2017					<0.2				
10/10/2017	<0.2		0.18 (J)						
10/11/2017		0.09 (J)		0.14 (J)	<0.2	0.098 (J)	<0.2		0.88
10/12/2017								0.14 (J)	
3/27/2018	<0.2		<0.2						
3/28/2018		0.11 (J)		0.12 (J)	<0.2	0.088 (J)	<0.2		
3/29/2018									
3/30/2018								0.13 (J)	0.79
6/13/2018	<0.2	0.085 (J)			<0.2	0.093 (J)			
6/14/2018			<0.2	0.12 (J)			<0.2	0.15 (J)	0.79
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				0.13 (J)	<0.2		<0.2		0.79
10/4/2018								0.18 (J)	

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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWC-10	WGWC-15
2/25/2019	<0.2		0.032 (J)						
2/26/2019		0.23		0.14 (J)	<0.2	0.074 (J)	<0.2		
2/27/2019								0.21	0.81
2/28/2019									
4/1/2019	<0.2		0.061 (J)						
4/2/2019		0.21		0.14 (J)	<0.2	0.09 (J)	<0.2		
4/3/2019									
4/4/2019								0.13 (J)	0.78
9/16/2019	0.03 (J)				<0.2	0.1 (J)			
9/17/2019		0.079 (J)	0.061 (J)	0.14 (J)					
9/18/2019							0.027 (J)		0.81
9/19/2019								0.13 (J)	
2/3/2020	0.032 (J)		0.061 (J)						
2/4/2020				0.13	<0.2	0.13			
2/5/2020		0.12					0.026 (J)	0.14	
2/7/2020									0.79
3/16/2020	0.042 (J)		0.052 (J)						
3/17/2020		<0.2		0.11	<0.2	0.037 (J)	0.044 (J)		
3/18/2020								0.052 (J)	0.71
3/19/2020									
5/4/2020									
9/21/2020			0.037 (J)	0.091 (J)					
9/22/2020	<0.2	0.1			<0.2	0.068 (J)	<0.2		
9/23/2020								0.09 (J)	0.63
9/24/2020									
2/2/2021	0.028 (J)	0.071 (J)	0.065 (J)	0.15			<0.2		
2/3/2021					<0.2	0.088 (J)			
2/4/2021								0.12	0.69
3/8/2021									
3/9/2021									
3/10/2021		0.046 (J)	0.045 (J)	0.12	<0.2		<0.2		
3/11/2021	<0.2					0.092 (J)		0.15	
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	0.073 (J)	0.16	0.054 (J)		
8/25/2021		0.13							
8/26/2021								0.16	0.77
1/11/2022									
1/12/2022									
2/28/2022				0.083 (J)					
3/1/2022	<0.2		0.058 (J)		<0.2	0.063 (J)			
3/3/2022		0.078 (J)					0.038 (J)	0.067 (J)	0.88
3/4/2022									
6/6/2022									
6/7/2022									
8/15/2022	<0.2		0.057 (J)		<0.2	0.093 (J)			
8/16/2022		0.06 (J)		0.12			<0.2		
8/17/2022									0.68
8/18/2022									
8/19/2022								0.1	

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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWC-10	WGWC-15
2/14/2023	<0.2	0.053 (J)	0.07 (J)		<0.2	0.11	<0.2		
2/15/2023				0.14					0.73
2/16/2023								0.11	
8/11/2023									
8/14/2023	<0.2		0.061 (J)						
8/15/2023		0.051 (J)		0.14	<0.2	0.12	<0.2		
8/16/2023									0.73
8/17/2023								0.1	
2/13/2024	<0.2	0.076 (J)	<0.2	0.087 (J)		0.07 (J)	<0.2		
2/14/2024									
2/15/2024								<0.2	0.89
2/16/2024					<0.2				
7/30/2024	<0.2	0.057 (J)	0.044 (J)	0.089 (J)		0.09 (J)	<0.2		
7/31/2024								0.1	0.62
8/1/2024									
8/2/2024									
2/10/2025	<0.2		<0.2						
2/11/2025		<0.2		<0.2		<0.2	<0.2		
2/12/2025									
2/13/2025								<0.2	0.72

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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-3 (bg)	WGWC-17	WGWC-16	WGWC-9	WGWC-13	WGWC-12	WGWC-11	WGWC-8	WGWC-19
5/17/2016									
5/18/2016	0.029 (J)	0.121 (J)	0.1 (J)						
5/19/2016				1.58	0.384	0.12 (J)	0.039 (J)	0.304	
7/19/2016			0.14 (J)						
7/20/2016	<0.2	0.16 (J)		2	0.34	0.11 (J)	<0.2	0.27	
9/13/2016	<0.2								
9/14/2016		0.19 (J)	0.18 (J)	1.8	0.31	0.095 (J)	<0.2		
9/15/2016								0.24	
11/9/2016									
11/10/2016	<0.2	0.15 (J)	0.11 (J)		0.26				
11/11/2016						<0.2	<0.2		0.32
11/14/2016								0.2	
1/17/2017									
1/18/2017	<0.2								
1/19/2017									
1/20/2017		0.18 (J)							
1/24/2017			0.15 (J)						
1/27/2017					0.28	<0.2	<0.2		
2/6/2017								0.27	0.45
2/8/2017									
2/9/2017				1.3					
2/23/2017									
3/13/2017									
3/14/2017	<0.2	0.11 (J)							
3/15/2017			0.1 (J)	1.3	0.3	<0.2	<0.2	0.25	0.37
3/17/2017									
4/11/2017				1.4					0.37
4/24/2017									
4/25/2017	<0.2	0.13 (J)	0.13 (J)						
4/26/2017				1.5	0.33	<0.2	<0.2	0.31	0.4
5/17/2017									
6/7/2017									0.35
7/11/2017									0.39
8/8/2017	<0.2								
8/9/2017		0.19 (J)	0.18 (J)		0.32				
8/10/2017				1.6		0.11 (J)	<0.2	0.37	0.42
8/25/2017									
10/10/2017									
10/11/2017	<0.2	0.14 (J)	<0.2						
10/12/2017				1.5	0.28	0.091 (J)	<0.2	0.35	0.36
3/27/2018									
3/28/2018	<0.2								
3/29/2018			0.13 (J)	1.4	0.27	0.089 (J)	<0.2	0.36	0.34
3/30/2018		0.095 (J)							
6/13/2018									
6/14/2018	<0.2	0.11 (J)	<0.2	1.4	0.27	0.1 (J)	<0.2	0.56	0.35
9/24/2018									
9/27/2018									
9/28/2018									
10/2/2018									
10/3/2018	<0.2								
10/4/2018		0.11 (J)	0.85 (J)	1.4	0.23	0.12 (J)	<0.2	0.27	0.35

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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-3 (bg)	WGWC-17	WGWC-16	WGWC-9	WGWC-13	WGWC-12	WGWC-11	WGWC-8	WGWC-19
2/25/2019									
2/26/2019	<0.2	0.068 (J)							
2/27/2019			0.47		0.25	0.06 (J)	0.047 (J)	0.054 (J)	
2/28/2019				1.4					0.28
4/1/2019									
4/2/2019	0.039 (J)								0.33
4/3/2019				1.3	0.24	0.084 (J)	0.048 (J)	0.5	
4/4/2019		0.087 (J)	0.08 (J)						
9/16/2019									
9/17/2019									
9/18/2019	0.033 (J)	0.066 (J)	0.058 (J)		0.22				0.32
9/19/2019				1.3		0.093 (J)	0.037 (J)	0.42	
2/3/2020									
2/4/2020	0.031 (J)								
2/5/2020				1.3	0.2	0.098 (J)	0.045 (J)		
2/7/2020		0.079 (J)	0.072 (J)					0.25	0.35
3/16/2020									
3/17/2020	0.04 (J)								
3/18/2020		<0.2	0.084 (J)			0.033 (J)	<0.2		
3/19/2020				1	0.15			0.057 (J)	
5/4/2020									0.36
9/21/2020	<0.2								
9/22/2020								0.14	
9/23/2020		0.05 (J)	0.049 (J)	0.82		0.064 (J)			0.25
9/24/2020					<0.2		0.18		
2/2/2021	0.035 (J)								
2/3/2021						0.082 (J)	0.027 (J)	0.15	0.3
2/4/2021		0.064 (J)	0.052 (J)	0.91	0.16				
3/8/2021									
3/9/2021									
3/10/2021	<0.2								
3/11/2021		0.05 (J)	0.061 (J)		0.18			0.16	0.31
3/12/2021				0.98		0.096 (J)	0.044 (J)		
4/7/2021									
4/8/2021									
8/23/2021									
8/24/2021									
8/25/2021	0.077 (J)	0.093 (J)	0.099 (J)		0.2	0.14	0.056 (J)		
8/26/2021				1				0.21	0.38
1/11/2022									
1/12/2022									
2/28/2022									
3/1/2022	<0.2								
3/3/2022			0.067 (J)	1	0.21		0.055 (J)	0.19	0.4
3/4/2022		0.06 (J)				0.068 (J)			
6/6/2022									
6/7/2022									
8/15/2022									
8/16/2022	<0.2	0.06 (J)					<0.2	0.21	
8/17/2022			0.062 (J)	0.9					0.28
8/18/2022					0.14	0.073 (J)			
8/19/2022									

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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-3 (bg)	WGWC-17	WGWC-16	WGWC-9	WGWC-13	WGWC-12	WGWC-11	WGWC-8	WGWC-19
2/14/2023	0.041 (J)								
2/15/2023			0.076 (J)	0.85					
2/16/2023		0.069 (J)			0.15	0.089 (J)	0.041 (J)	0.14	0.33
8/11/2023									
8/14/2023									
8/15/2023	0.04 (J)		0.065 (J)					0.15 (J)	
8/16/2023		0.064 (J)		0.9	0.13	0.083 (J)	0.041 (J)		0.34
8/17/2023									
2/13/2024	<0.2							<0.2	
2/14/2024				0.73		0.044 (J)			
2/15/2024		<0.2	<0.2		0.21 (J)				0.4
2/16/2024							<0.2		
7/30/2024	<0.2		<0.2						
7/31/2024		0.049 (J)			0.15	0.077 (J)	<0.2		0.28
8/1/2024				0.9				<0.2	
8/2/2024									
2/10/2025	<0.2								
2/11/2025		<0.2		0.4		<0.2	<0.2	<0.2	
2/12/2025			<0.2		<0.2				
2/13/2025									0.058 (J)

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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-25	WGWC-20	WGWC-22	WGWC-21	WGWC-24	WGWC-23
5/17/2016							
5/18/2016							
5/19/2016							
7/19/2016							
7/20/2016							
9/13/2016							
9/14/2016							
9/15/2016							
11/9/2016							
11/10/2016							
11/11/2016							
11/14/2016							
1/17/2017							
1/18/2017							
1/19/2017							
1/20/2017							
1/24/2017							
1/27/2017							
2/6/2017							
2/8/2017	<0.2						
2/9/2017							
2/23/2017	<0.2						
3/13/2017							
3/14/2017							
3/15/2017							
3/17/2017	<0.2						
4/11/2017	<0.2						
4/24/2017							
4/25/2017							
4/26/2017	<0.2						
5/17/2017	<0.2						
6/7/2017	<0.2						
7/11/2017	<0.2						
8/8/2017							
8/9/2017							
8/10/2017							
8/25/2017							
10/10/2017							
10/11/2017	<0.2						
10/12/2017							
3/27/2018							
3/28/2018							
3/29/2018	<0.2						
3/30/2018							
6/13/2018							
6/14/2018	<0.2						
9/24/2018							
9/27/2018							
9/28/2018							
10/2/2018							
10/3/2018							
10/4/2018	<0.2						

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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-25	WGWC-20	WGWC-22	WGWC-21	WGWC-24	WGWC-23
2/25/2019							
2/26/2019							
2/27/2019	<0.2						
2/28/2019							
4/1/2019							
4/2/2019							
4/3/2019	0.048 (J)						
4/4/2019							
9/16/2019							
9/17/2019							
9/18/2019	0.035 (J)						
9/19/2019							
2/3/2020							
2/4/2020							
2/5/2020	0.04 (J)						
2/7/2020							
3/16/2020							
3/17/2020							
3/18/2020							
3/19/2020	<0.2						
5/4/2020							
9/21/2020							
9/22/2020							
9/23/2020							
9/24/2020	0.028 (J)						
2/2/2021							
2/3/2021							
2/4/2021	0.033 (J)						
3/8/2021		<0.2	1.8				
3/9/2021				1.1	1.7	1	0.092 (J)
3/10/2021							
3/11/2021	0.04 (J)						
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	0.071 (J)						
8/26/2021		0.047 (J)	2	0.51	2	1.2	0.081 (J)
1/11/2022		0.028 (J)		0.45	1.9	1	0.045 (J)
1/12/2022			1.8				
2/28/2022							
3/1/2022							
3/3/2022	0.057 (J)				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	<0.2			0.31			

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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-25	WGWC-20	WGWC-22	WGWC-21	WGWC-24	WGWC-23
2/14/2023							
2/15/2023		<0.2		0.31		0.63	0.048 (J)
2/16/2023	<0.2		1.9		1.9		
8/11/2023			2.1				
8/14/2023							
8/15/2023		0.049 (J)					
8/16/2023	0.04 (J)						
8/17/2023				0.32	1.8	0.28	0.045 (J)
2/13/2024			<0.2				
2/14/2024				0.23		<0.2	
2/15/2024	<0.2	<0.2			2.2		<0.2
2/16/2024							
7/30/2024							
7/31/2024		<0.2	1.8			0.1 (J)	0.045 (J)
8/1/2024					<0.2		
8/2/2024	<0.2			<0.2			
2/10/2025							
2/11/2025							
2/12/2025	<0.2	<0.2	<0.2	<0.2			
2/13/2025					<0.2	<0.2	<0.2

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/11/2025 2:05 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)	WGWC-15	WGWA-5 (bg)	WGWC-16	WGWA-4 (bg)
5/17/2016	5.24	7.81	6.23						
5/18/2016				8.96	5.5	7.75	5.47	6.06	7.23
5/19/2016									
7/19/2016	5.43	7.250493	6.285413		5.430599	7.876073	5.336672	5.88	
7/20/2016				8.56774					7.281557
9/1/2016									
9/13/2016	5.22	7.18	6.3		5.57				7.15
9/14/2016						7.79	7.29	5.89	
9/15/2016									
11/9/2016	5.57	6.03	6.26						
11/10/2016					6.93	7.76		5.6	6.33
11/11/2016				6.96					
11/14/2016									
1/17/2017	5.48		6.8						
1/18/2017					7.16				6.94
1/19/2017		6.71					6.59		
1/20/2017									
1/24/2017						7.71		5.54	
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	7.57	5.86		6.75
3/15/2017				6.82				5.39	
3/17/2017									
4/11/2017									
4/24/2017	5.4		6.35						
4/25/2017		6.93			5.57	7.47	5.35	5.28	6.84
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				
8/9/2017						7.37	5.25	5.46	6.67
8/10/2017				6.66					
8/25/2017							5.44		
10/10/2017	5.26		6.32						
10/11/2017		6.75			5.43	7.42	6.99	5.45	6.75
10/12/2017				6.67					
3/27/2018	5.39		6.14						
3/28/2018		6.84			5.29		5.95		6.79
3/29/2018								5.33	
3/30/2018				6.98		7.48			
6/13/2018	5.33	6.31					5.13		
6/14/2018			6.02	6.56	5.39	7.5		5.35	6.67
9/24/2018			6.1						
9/27/2018	5.33								
9/28/2018		6.26							
10/2/2018									
10/3/2018					5.33	7.11	5.22		6.92
10/4/2018				6.4				5.28	

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/11/2025 2:05 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)	WGWC-15	WGWA-5 (bg)	WGWC-16	WGWA-4 (bg)
2/25/2019	5.25		6.02						
2/26/2019		7.66			5.62		5.21		6.74
2/27/2019				6.23		7.4		5.08	
2/28/2019									
4/1/2019	5.31		6.09						
4/2/2019		7.53			5.6		5.25		6.81
4/3/2019									
4/4/2019				6.46		7.58		5.19	
9/16/2019	5.28						6.94		
9/17/2019		6.47	6.25						6.93
9/18/2019					5.6	7.8		5.19	
9/19/2019				6.45					
2/3/2020	5.402418		6.090122						
2/4/2020							5.307606		7.287213
2/5/2020		6.730563		6.415246	5.535178				
2/7/2020						7.657187		5.168839	
3/16/2020	5.29		6.01						
3/17/2020		6.36			5.32		5.34		6.83
3/18/2020				6.4		7.73		5.08	
3/19/2020									
5/4/2020									
9/21/2020			6.05						6.81
9/22/2020	5.09	7.18			5.36		6.78		
9/23/2020				6.14		7.35		5.05	
9/24/2020									
2/2/2021	5.36	6.48	6.1		5.84				6.61
2/3/2021							5.3		
2/4/2021				6.21		7.77		5.42	
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				5.21	
3/12/2021						7.72			
4/7/2021									
4/8/2021									
8/23/2021			6.18						
8/24/2021	5.21				5.53		6.8		7.22
8/25/2021		6.74						5.25	
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				5.47		
3/3/2022		5.94		6.36	5.44	7.61		5.22	
3/4/2022									
6/6/2022									
6/7/2022									
8/15/2022	5.28		6.04				6.54		
8/16/2022		6.19			5.32				6.92
8/17/2022						7.54		5.24	
8/18/2022									
8/19/2022				6.2					

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/11/2025 2:05 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)	WGWC-15	WGWA-5 (bg)	WGWC-16	WGWA-4 (bg)
2/14/2023	5.37	5.89	6.06		5.44		5.3		
2/15/2023						7.72		5.19	7.21
2/16/2023				6.39					
8/11/2023									
8/14/2023	5.09		6.06						
8/15/2023		6.01			5.49		6.6	5.07	6.47
8/16/2023						7.41			
8/17/2023				6.49					
2/13/2024	5.46	5.84	5.97		6.19				7.1
2/14/2024									
2/15/2024				6.41		7.88		5.31	
2/16/2024							5.23		
7/30/2024	5.27	6.47	5.9		5.43			5.26	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				7.58
2/12/2025								5.42	
2/13/2025				6.27		7.87			

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-17	WGWA-3 (bg)	WGWA-6 (bg)	WGWC-9	WGWC-8	WGWC-11	WGWC-12	WGWC-13	WGWC-19
5/17/2016									
5/18/2016	6.41	5.55	7.92						
5/19/2016				6.31	5.99	5.93	6.91	6.85	
7/19/2016			7.154587						
7/20/2016	6.662463	5.656628		6.345061	6.194334	5.97	6.962608	6.705264	
9/1/2016							6.96		
9/13/2016		5.63	7.96						
9/14/2016	6.7			6.33				6.7	
9/15/2016					6.38				
11/9/2016			7.27						
11/10/2016	6.51	5.61						6.5	
11/11/2016						6.03	6.76		6.93
11/14/2016					5.7				
1/17/2017									
1/18/2017		5.81	7.72						
1/19/2017									
1/20/2017	6.55								
1/24/2017									
1/27/2017						6.21	6.66	6.47	
2/6/2017					5.66				6.8
2/8/2017									
2/23/2017									
3/13/2017									
3/14/2017	6.27	5.53							
3/15/2017				5.99	5.77	5.97	6.3	6.75	6.78
3/17/2017									
4/11/2017									6.79
4/24/2017									
4/25/2017	6.36	5.59	7.73						
4/26/2017				6.03	5.39	6.17	6.67	6.57	6.82
5/17/2017									
6/7/2017									6.76
7/11/2017									6.99
8/8/2017		5.52	7.74						
8/9/2017	6.47							6.55	
8/10/2017				5.86	5.59	6.05	6.7		6.59
8/25/2017									
10/10/2017									
10/11/2017	6.47	5.51	7.01						
10/12/2017				6.09	5.46	6.89	6.89	6.67	6.7
3/27/2018									
3/28/2018		5.6	7.28						
3/29/2018				5.89	5.43	6.85	7.08	6.99	6.88
3/30/2018	6.71								
6/13/2018			7.78						
6/14/2018	6.15	5.58		6.47	5.76	5.89	6.73	6.39	6.72
9/24/2018									
9/27/2018									
9/28/2018									
10/2/2018			7.52						
10/3/2018		5.45							
10/4/2018	6.14			6.17	5.39	5.81	6.79	6.5	6.67

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-17	WGWA-3 (bg)	WGWA-6 (bg)	WGWC-9	WGWC-8	WGWC-11	WGWC-12	WGWC-13	WGWC-19
2/25/2019									
2/26/2019	6.17	5.6	7.87						
2/27/2019					5.55	5.78	6.7	6.47	
2/28/2019				6.54					6.98
4/1/2019									
4/2/2019		5.69	7.94						6.75
4/3/2019				6.1	5.55	6.07	6.91	6.47	
4/4/2019	6.16								
9/16/2019			7.55						
9/17/2019									
9/18/2019	6.17	5.62						6.46	6.71
9/19/2019				6.38	5.39	5.82	6.63		
2/3/2020									
2/4/2020		5.655257	7.740019						
2/5/2020				6.536418		5.891838	6.763076	6.440089	
2/7/2020	6.341561				5.376234				7.078448
3/16/2020									
3/17/2020		5.61	7.95						
3/18/2020	6.3					5.89	6.93		
3/19/2020				6.64	6.43			6.56	
5/4/2020									6.9
9/21/2020		5.35							
9/22/2020			7.4		5.17				
9/23/2020	5.89			5.8			6.42		6.59
9/24/2020						5.5		6.29	
2/2/2021		5.78							
2/3/2021			7.76		5.08	5.21	6.15		6.75
2/4/2021	6.31			6.22				6.34	
3/8/2021									
3/9/2021									
3/10/2021		5.49							
3/11/2021	5.96		7.93		5.35			5.95	7.12
3/12/2021				5.88		5.46	6.66		
4/7/2021									
4/8/2021									
8/23/2021									
8/24/2021			7.88						
8/25/2021	6.09	5.52				5.66	6.69	6.27	
8/26/2021				5.84	5.36				6.66
1/11/2022									
1/12/2022									
2/28/2022									
3/1/2022		5.59	7.86						
3/3/2022				5.86	5.21	5.59		6.31	6.69
3/4/2022	6.21						6.79		
6/6/2022									
6/7/2022									
8/15/2022			7.76						
8/16/2022	6.02	5.46			5.4	5.56			
8/17/2022				5.8					6.6
8/18/2022							6.52	6.15	
8/19/2022									

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-17	WGWA-3 (bg)	WGWA-6 (bg)	WGWC-9	WGWC-8	WGWC-11	WGWC-12	WGWC-13	WGWC-19
2/14/2023		5.49	7.78						
2/15/2023				5.86					
2/16/2023	6.28				5.22	5.69	6.61	6.27	6.8
8/11/2023									
8/14/2023									
8/15/2023		5.17	7.93		5.43				
8/16/2023	6.13			5.78		5.19	6.1	6.22	6.44
8/17/2023									
2/13/2024		5.52	7.75		5.31				
2/14/2024				6.13			6.67		
2/15/2024	6.16							6.3	6.87
2/16/2024						5.6			
7/30/2024		5.52	7.88						
7/31/2024	6.04					5.6	6.74	6.22	6.54
8/1/2024				5.77	5.38				
8/2/2024									
2/10/2025		5.25							
2/11/2025	6.26		8.01	5.86	5.23	5.54	6.63		
2/12/2025								6.32	
2/13/2025									6.7

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-25	WGWC-20	WGWC-23	WGWC-22	WGWC-21	WGWC-24
5/17/2016							
5/18/2016							
5/19/2016							
7/19/2016							
7/20/2016							
9/1/2016							
9/13/2016							
9/14/2016							
9/15/2016							
11/9/2016							
11/10/2016							
11/11/2016							
11/14/2016							
1/17/2017							
1/18/2017							
1/19/2017							
1/20/2017							
1/24/2017							
1/27/2017							
2/6/2017							
2/8/2017	5.81						
2/23/2017	5.8						
3/13/2017							
3/14/2017							
3/15/2017							
3/17/2017	5.97						
4/11/2017	6.18						
4/24/2017							
4/25/2017							
4/26/2017	6.09						
5/17/2017	6.26						
6/7/2017	6.21						
7/11/2017	6						
8/8/2017							
8/9/2017							
8/10/2017							
8/25/2017							
10/10/2017							
10/11/2017	6.97						
10/12/2017							
3/27/2018							
3/28/2018							
3/29/2018	6.51						
3/30/2018							
6/13/2018							
6/14/2018	5.76						
9/24/2018							
9/27/2018							
9/28/2018							
10/2/2018							
10/3/2018							
10/4/2018	5.97						

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-25	WGWC-20	WGWC-23	WGWC-22	WGWC-21	WGWC-24
2/25/2019							
2/26/2019							
2/27/2019	5.73						
2/28/2019							
4/1/2019							
4/2/2019							
4/3/2019	5.68						
4/4/2019							
9/16/2019							
9/17/2019							
9/18/2019	5.5						
9/19/2019							
2/3/2020							
2/4/2020							
2/5/2020	5.523207						
2/7/2020							
3/16/2020							
3/17/2020							
3/18/2020							
3/19/2020	5.49						
5/4/2020							
9/21/2020							
9/22/2020							
9/23/2020							
9/24/2020	5.16						
2/2/2021							
2/3/2021							
2/4/2021	5.76						
3/8/2021		5.36	5.54				
3/9/2021				5.81	5.56	7.29	4.29
3/10/2021							
3/11/2021	5.1						
3/12/2021							
4/7/2021				5.57		7.05	4.43
4/8/2021		5.39	5.6		6.01		
8/23/2021							
8/24/2021							
8/25/2021	5.39						
8/26/2021		5.3	5.37	5.8	5.4	6.88	4.33
1/11/2022		5.26		5.61	5.4	6.68	4.39
1/12/2022			5.19				
2/28/2022							
3/1/2022							
3/3/2022	5.4					6.88	4.39
3/4/2022		5.21	5.23	5.74	5.34		
6/6/2022				5.73		6.69	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	5.25				5.34		

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-25	WGWC-20	WGWC-23	WGWC-22	WGWC-21	WGWC-24
2/14/2023							
2/15/2023		5.36		5.49	5.47		4.54
2/16/2023	5.4		5.17			6.92	
8/11/2023			5.31				
8/14/2023							
8/15/2023		5.97					
8/16/2023	5.17						
8/17/2023				5.66	5.41	6.86	4.35
2/13/2024			5.34				
2/14/2024					5.84		4.72
2/15/2024	5.18	6.24		5.62		6.7	
2/16/2024							
7/30/2024							
7/31/2024		5.97	5.47	5.44			4.41
8/1/2024						6.73	
8/2/2024	5.09				5.36		
2/10/2025							
2/11/2025							
2/12/2025	5.44	6.19	5.33		5.47		
2/13/2025				5.58		6.63	4.49

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-17	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWC-16	WGWA-7 (bg)
5/17/2016	<1	19.9	1.14						
5/18/2016				32.1	0.955 (J)	8.88	0.821 (J)	388	0.368 (J)
5/19/2016									
7/19/2016	<1	14	1.4		0.76 (J)	9		460	<1
7/20/2016				9.7			0.82 (J)		
9/13/2016	<1	11	1.1			8.5	0.81 (J)		<1
9/14/2016				6.6	3.4			500	
9/15/2016									
11/9/2016	<1	6.3	1.1			8.2			
11/10/2016				5.2			0.73 (J)	530	<1
11/11/2016									
11/14/2016									
1/17/2017	<1		2.1						
1/18/2017						9.4	0.99 (J)		1.4
1/19/2017		7.4			21				
1/20/2017				5.3					
1/24/2017								600	
1/27/2017									
2/6/2017									
2/8/2017									
2/9/2017									
2/23/2017									
3/13/2017	<1		0.97 (J)						
3/14/2017		10		9.6	1.4	2	0.83 (J)		<1
3/15/2017								610	
3/17/2017									
4/11/2017									
4/24/2017	<1		0.75 (J)						
4/25/2017		10		20	0.89 (J)	8.2	0.7 (J)	620	<1
4/26/2017									
5/17/2017									
6/7/2017									
7/11/2017									
8/8/2017	<1	12	1.1			8.5	0.82 (J)		<1
8/9/2017				6.5	0.75 (J)			780	
8/10/2017									
8/25/2017					<1				
10/10/2017	<1		1.3						
10/11/2017		11		13	<1	8.3	0.72 (J)	720	<1
10/12/2017									
3/27/2018	<1		0.72 (J)						
3/28/2018		12			0.88 (J)	8.1	<1		<1
3/29/2018								700	
3/30/2018				16					
6/13/2018	<1	8.2			<1	8.3			
6/14/2018			0.84 (J)	16			<1	620	<1
9/24/2018			0.79 (J)						
9/27/2018	<1								
9/28/2018		7.6							
10/2/2018						8.3			
10/3/2018					<1		0.73 (J)		<1
10/4/2018				15				560	

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-17	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWC-16	WGWA-7 (bg)
4/1/2019	<1		1						
4/2/2019		11			0.94 (J)	8.5	1.1		0.4 (J)
4/3/2019									
4/4/2019				9.1				250	
9/16/2019	0.49 (J)				2.2	8.9			
9/17/2019		8	1.3						
9/18/2019				7.3			0.78 (J)	130	<1
9/19/2019									
3/16/2020	0.42 (J)		1.3						
3/17/2020		8.5			4	12	1.2		0.86 (J)
3/18/2020				4.2				120	
3/19/2020									
5/4/2020									
9/21/2020			1.1				0.77 (J)		
9/22/2020	<1	9			1.5	8			0.38 (J)
9/23/2020				4.4				85	
9/24/2020									
3/8/2021									
3/9/2021									
3/10/2021		7.1	0.9 (J)		<1		0.91 (J)		<1
3/11/2021	<1			3.9		8.4		64	
3/12/2021									
4/7/2021									
4/8/2021									
8/23/2021			1.3						
8/24/2021	<1				2.8	8.9			<1
8/25/2021		8.2		3.3			0.79 (J)	63	
8/26/2021									
1/11/2022									
1/12/2022									
2/28/2022									
3/1/2022	<1		1.6		0.99 (J)	9.2	0.98 (J)		
3/3/2022		8.5						57	<1
3/4/2022				3.6					
6/6/2022									
6/7/2022									
8/15/2022	<1		0.54 (J)		1.6	7.5			
8/16/2022		7.2		3.4			0.52 (J)		<1
8/17/2022								49	
8/18/2022									
8/19/2022									
2/14/2023	<1	7.3	0.66 (J)		0.66 (J)	7.9	0.65 (J)		<1
2/15/2023								54	
2/16/2023				2.6					
8/11/2023									
8/14/2023	<1		0.74 (J)						
8/15/2023		6.8			1.2	7.3	0.71 (J)	52	0.45 (J)
8/16/2023				2.6					
8/17/2023									
2/13/2024	<1	5.1	0.64 (J)			6.7	0.68 (J)		0.56 (J)
2/14/2024									
2/15/2024				5.4				50	

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-17	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWC-16	WGWA-7 (bg)
2/16/2024					1.5				
7/30/2024	<1	8.6	0.81 (J)			7.7	0.73 (J)	41	<1
7/31/2024				3					
8/1/2024									
8/2/2024									
2/10/2025	<1		1.1				1.1		
2/11/2025		8.4		3.4		7.9			0.7 (J)
2/12/2025								40	
2/13/2025									

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-10	WGWA-4 (bg)	WGWC-11	WGWC-13	WGWC-12	WGWC-8	WGWC-9	WGWC-19
5/17/2016									
5/18/2016	50.7	2.84	5.32						
5/19/2016				1.83	19.2	15.8	146	35.9	
7/19/2016	62								
7/20/2016		2.8	6.5	1.6	11	16	150	37	
9/13/2016			5.6						
9/14/2016	79	2.8		1.5	8.6	16		39	
9/15/2016							140		
11/9/2016									
11/10/2016	61		5.4		5.7				
11/11/2016		2.6		1.4		14			3.4
11/14/2016							160		
1/17/2017									
1/18/2017			5.1						
1/19/2017									
1/20/2017									
1/24/2017	34								
1/27/2017				2.5	6.8	15			
2/6/2017		2.7					180		3.7
2/8/2017									
2/9/2017								60	
2/23/2017									
3/13/2017									
3/14/2017	43		4.6						
3/15/2017		2.7		2.5	11	17	170	44	3.6
3/17/2017									
4/11/2017								36	3.2
4/24/2017									
4/25/2017	39		6.6						
4/26/2017		2.5		2.2	8.1	15	180	37	3.3
5/17/2017									
6/7/2017									3.8
7/11/2017									3.3
8/8/2017									
8/9/2017	35		7.3		8.1				
8/10/2017		2.2		2.3		16	180	38	3.7
8/25/2017									
10/10/2017									
10/11/2017	48		6.8						
10/12/2017		1.9		1.9	6.1	14	180	37	3.6
3/27/2018									
3/28/2018			6.8						
3/29/2018				2.2	6.5	16	180	37	3.4
3/30/2018	42	1.9							
6/13/2018									
6/14/2018	44	2	6.9	1.7	5	14	170	37	3.5
9/24/2018									
9/27/2018									
9/28/2018									
10/2/2018									
10/3/2018	49		7						
10/4/2018		1.9		1.6	4.3	14	780	38	4.6

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-10	WGWA-4 (bg)	WGWC-11	WGWC-13	WGWC-12	WGWC-8	WGWC-9	WGWC-19
4/1/2019									
4/2/2019			8.1						3.8
4/3/2019				1.9	3.8	13	180	41	
4/4/2019	41	2.2							
9/16/2019									
9/17/2019			8.1						
9/18/2019	37				3.9				3.6
9/19/2019		2.1		1.3		14	190	42	
3/16/2020									
3/17/2020			12						
3/18/2020	17	2.1		1.6		12			
3/19/2020					4		200	45	
5/4/2020									4.5
9/21/2020			7.7						
9/22/2020							200		
9/23/2020	21	1.8				12		54	3
9/24/2020				2.7	0.63 (J)				
3/8/2021									
3/9/2021									
3/10/2021			8.1						
3/11/2021		2.8			2.9		220		4
3/12/2021	19			2		14		62	
4/7/2021									
4/8/2021									
8/23/2021									
8/24/2021			7.9						
8/25/2021				1.1	1.8	13			
8/26/2021	16	1.8					220	52	3.5
1/11/2022									
1/12/2022									
2/28/2022			8.4						
3/1/2022									
3/3/2022	18	2		2.3	3		250	58	4.8
3/4/2022						14			
6/6/2022									
6/7/2022									
8/15/2022									
8/16/2022			6.9	0.98 (J)			220		
8/17/2022	14							50	2.8
8/18/2022					1.7	11			
8/19/2022		1.6							
2/14/2023									
2/15/2023	14		7.8					65	
2/16/2023		1.8		1	2.3	2.8	250		3
8/11/2023									
8/14/2023									
8/15/2023			7.4				240		
8/16/2023	13			1	2.1	12		50	2.6
8/17/2023		1.7							
2/13/2024			6.2				190		
2/14/2024						8.8		37	
2/15/2024	16	3.2			4.3				5.7

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-10	WGWA-4 (bg)	WGWC-11	WGWC-13	WGWC-12	WGWC-8	WGWC-9	WGWC-19
2/16/2024				2.1					
7/30/2024			7.7						
7/31/2024	14	1.9		1	2.2	12			3.2
8/1/2024							250	50	
8/2/2024									
2/10/2025									
2/11/2025			8.1	0.41 (J)		13	280	26	
2/12/2025					2.6				
2/13/2025	13	1.9							3.3

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-24	WGWC-23	WGWC-21	WGWC-22
5/17/2016							
5/18/2016							
5/19/2016							
7/19/2016							
7/20/2016							
9/13/2016							
9/14/2016							
9/15/2016							
11/9/2016							
11/10/2016							
11/11/2016							
11/14/2016							
1/17/2017							
1/18/2017							
1/19/2017							
1/20/2017							
1/24/2017							
1/27/2017							
2/6/2017							
2/8/2017	4.3						
2/9/2017							
2/23/2017	16						
3/13/2017							
3/14/2017							
3/15/2017							
3/17/2017	22						
4/11/2017	13						
4/24/2017							
4/25/2017							
4/26/2017	20						
5/17/2017	12						
6/7/2017	8.1						
7/11/2017	17						
8/8/2017							
8/9/2017							
8/10/2017							
8/25/2017							
10/10/2017							
10/11/2017	3.4						
10/12/2017							
3/27/2018							
3/28/2018							
3/29/2018	4.6						
3/30/2018							
6/13/2018							
6/14/2018	5.8						
9/24/2018							
9/27/2018							
9/28/2018							
10/2/2018							
10/3/2018							
10/4/2018	2.8						

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-24	WGWC-23	WGWC-21	WGWC-22
4/1/2019							
4/2/2019							
4/3/2019	3.8						
4/4/2019							
9/16/2019							
9/17/2019							
9/18/2019	1.7						
9/19/2019							
3/16/2020							
3/17/2020							
3/18/2020							
3/19/2020	1.5						
5/4/2020							
9/21/2020							
9/22/2020							
9/23/2020							
9/24/2020	1.2						
3/8/2021		240	4.7				
3/9/2021				140	14	230	80
3/10/2021							
3/11/2021	1.7						
3/12/2021							
4/7/2021				160	5.1	190	
4/8/2021		240	5.8				60
8/23/2021							
8/24/2021							
8/25/2021	<1						
8/26/2021		290	13	170	7.5	190	100
1/11/2022			21	160	5.3	260	140
1/12/2022		360					
2/28/2022							
3/1/2022							
3/3/2022	1.3			130		250	
3/4/2022		390	21		5		150
6/6/2022				67	5.3	140	
6/7/2022		280	22				96
8/15/2022							
8/16/2022						240	
8/17/2022			25		5.5		
8/18/2022		280		49			
8/19/2022	<1						87
2/14/2023							
2/15/2023			27	120	5.2		110
2/16/2023	0.47 (J)	350				340	
8/11/2023		330					
8/14/2023							
8/15/2023			19				
8/16/2023	0.52 (J)						
8/17/2023				50	4.9	310	71
2/13/2024		280					
2/14/2024				55			64
2/15/2024	1.2		21		8.7	420	

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-24	WGWC-23	WGWC-21	WGWC-22
2/16/2024							
7/30/2024							
7/31/2024		380	22	43	5.6		
8/1/2024						320	
8/2/2024	0.6 (J)						55
2/10/2025							
2/11/2025							
2/12/2025	0.45 (J)	470	17				66
2/13/2025				79	7.3	350	

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-17	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWC-16	WGWA-7 (bg)
5/17/2016	<10	112	100						
5/18/2016				107	33	113	29	1080	31
5/19/2016									
7/19/2016	14	80	84		<10	92		1200	<10
7/20/2016				78			<10		
9/13/2016	50	120	70			100	12		<10
9/14/2016				82	150			1300	
9/15/2016									
11/9/2016	22	76	110			130			
11/10/2016				98			30	1400	44
11/11/2016									
11/14/2016									
1/17/2017	8		120						
1/18/2017						120	22		50
1/19/2017		36			34				
1/20/2017				82					
1/24/2017								1300	
1/27/2017									
2/6/2017									
2/8/2017									
2/9/2017									
2/23/2017									
3/13/2017	<10		58						
3/14/2017		70		120	32	110	22		26
3/15/2017								1500	
3/17/2017									
4/11/2017									
4/24/2017	10		94						
4/25/2017		70		120	22	100	22	1700	10
4/26/2017									
5/17/2017									
6/7/2017									
7/11/2017									
8/8/2017	<10	72	62			90	4 (J)		<10
8/9/2017				92	20			1900	
8/10/2017									
8/25/2017					<10				
10/10/2017	44		140						
10/11/2017		90		74	4 (J)	98	10	1900	42
10/12/2017									
3/27/2018	18		92						
3/28/2018		120			12	130	34		6
3/29/2018								2200	
3/30/2018				100					
6/13/2018	24	38			<10	110			
6/14/2018			80	100			26	1500	14
9/24/2018			76						
9/27/2018	28								
9/28/2018		68							
10/2/2018						130			
10/3/2018					24		50		6
10/4/2018				98				1700	

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

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-17	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWC-16	WGWA-7 (bg)
4/1/2019	<10		63						
4/2/2019		100			25	110	28		15
4/3/2019									
4/4/2019				89				710	
9/16/2019	27				41	110			
9/17/2019		76	120						
9/18/2019				79			36	520	35
9/19/2019									
3/16/2020	23		90						
3/17/2020		81			18	120	20		19
3/18/2020				98				370	
3/19/2020									
5/4/2020									
9/21/2020			100				22		
9/22/2020	24	96			190	130			15
9/23/2020				60				250	
9/24/2020									
3/8/2021									
3/9/2021									
3/10/2021		72	100		19		20		20
3/11/2021	24			75		110		190	
3/12/2021									
4/7/2021									
4/8/2021									
8/23/2021			110						
8/24/2021	32				150	120			24
8/25/2021		92		84			21	220	
8/26/2021									
1/11/2022									
1/12/2022									
2/28/2022									
3/1/2022	30		92		23	140	31		
3/3/2022		43						170	17
3/4/2022				55					
6/6/2022									
6/7/2022									
8/15/2022	45		100		140	120			
8/16/2022		60		81			30		22
8/17/2022								170	
8/18/2022									
8/19/2022									
2/14/2023	34	42	100		24	120	27		24
2/15/2023								160	
2/16/2023				77					
8/11/2023									
8/14/2023	37		110						
8/15/2023		56			82	130	34	160	29
8/16/2023				81					
8/17/2023									
2/13/2024	36	43	140			120	34		51
2/14/2024									
2/15/2024				79				150	

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

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-17	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWC-16	WGWA-7 (bg)
2/16/2024					34				
7/30/2024	34	63	100			110	31	120	23
7/31/2024				83					
8/1/2024									
8/2/2024									
2/10/2025	37		120				34		
2/11/2025		46		81		120			84
2/12/2025								120	
2/13/2025									

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-10	WGWA-4 (bg)	WGWC-11	WGWC-13	WGWC-12	WGWC-8	WGWC-9	WGWC-19
5/17/2016									
5/18/2016	190	70	101						
5/19/2016				39	127	101	311	134	
7/19/2016	180								
7/20/2016		42	86	<10	88	76	290	120	
9/13/2016			28						
9/14/2016	230	40		24	92	96		140	
9/15/2016							270		
11/9/2016									
11/10/2016	210		110		100				
11/11/2016		72		42		100			98
11/14/2016							320		
1/17/2017									
1/18/2017			98						
1/19/2017									
1/20/2017									
1/24/2017	140								
1/27/2017				18	80	50			
2/6/2017		24					330		36
2/8/2017									
2/9/2017								180	
2/23/2017									
3/13/2017									
3/14/2017	220		110						
3/15/2017		78		54	100	120	370	160	120
3/17/2017									
4/11/2017								120	68
4/24/2017									
4/25/2017	180		86						
4/26/2017		48		42	92	100	380	140	76
5/17/2017									
6/7/2017									74
7/11/2017									70
8/8/2017									
8/9/2017	180		92		120				
8/10/2017		38		30		96	380	130	66
8/25/2017									
10/10/2017									
10/11/2017	200		110						
10/12/2017		72		54	110	100	450	120	100
3/27/2018									
3/28/2018			110						
3/29/2018				62	120	120	500	130	110
3/30/2018	210	64							
6/13/2018									
6/14/2018	170	40	92	16	88	94	410	120	74
9/24/2018									
9/27/2018									
9/28/2018									
10/2/2018									
10/3/2018	260		100						
10/4/2018		60		56	100	110	520	140	100

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

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-10	WGWA-4 (bg)	WGWC-11	WGWC-13	WGWC-12	WGWC-8	WGWC-9	WGWC-19
4/1/2019									
4/2/2019			100						88
4/3/2019				<10	72	66	430	120	
4/4/2019	170	30							
9/16/2019									
9/17/2019			120						
9/18/2019	160				110				96
9/19/2019		52		27		89	440	130	
3/16/2020									
3/17/2020			100						
3/18/2020	160	58		26		73			
3/19/2020					95		540	160	
5/4/2020									110
9/21/2020			92						
9/22/2020							600		
9/23/2020	150	50				90		150	94
9/24/2020				60	21				
3/8/2021									
3/9/2021									
3/10/2021			100						
3/11/2021		52			63		530		100
3/12/2021	130			27		78		130	
4/7/2021									
4/8/2021									
8/23/2021									
8/24/2021			110						
8/25/2021				32	53	110			
8/26/2021	150	60					550	170	94
1/11/2022									
1/12/2022									
2/28/2022			95						
3/1/2022									
3/3/2022	140	45		21	71		530	140	98
3/4/2022						89			
6/6/2022									
6/7/2022									
8/15/2022									
8/16/2022			110	33			580		
8/17/2022	140							150	93
8/18/2022					89	88			
8/19/2022		63							
2/14/2023									
2/15/2023	130		100					160	
2/16/2023		54		33	81	89	590		100
8/11/2023									
8/14/2023									
8/15/2023			110				680		
8/16/2023	150			33	84	92		110	100
8/17/2023		56							
2/13/2024			110				620		
2/14/2024						85		150	
2/15/2024	130	53			84				100

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

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-10	WGWA-4 (bg)	WGWC-11	WGWC-13	WGWC-12	WGWC-8	WGWC-9	WGWC-19
2/16/2024				31					
7/30/2024			100						
7/31/2024	140	56		35	85	92			97
8/1/2024							570	150	
8/2/2024									
2/10/2025									
2/11/2025			110	35		96	630	140	
2/12/2025					84				
2/13/2025	140	58							100

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-24	WGWC-23	WGWC-21	WGWC-22
5/17/2016							
5/18/2016							
5/19/2016							
7/19/2016							
7/20/2016							
9/13/2016							
9/14/2016							
9/15/2016							
11/9/2016							
11/10/2016							
11/11/2016							
11/14/2016							
1/17/2017							
1/18/2017							
1/19/2017							
1/20/2017							
1/24/2017							
1/27/2017							
2/6/2017							
2/8/2017	54						
2/9/2017							
2/23/2017	78						
3/13/2017							
3/14/2017							
3/15/2017							
3/17/2017	56						
4/11/2017	76						
4/24/2017							
4/25/2017							
4/26/2017	76						
5/17/2017	68						
6/7/2017	72						
7/11/2017	68						
8/8/2017							
8/9/2017							
8/10/2017							
8/25/2017							
10/10/2017							
10/11/2017	68						
10/12/2017							
3/27/2018							
3/28/2018							
3/29/2018	48						
3/30/2018							
6/13/2018							
6/14/2018	52						
9/24/2018							
9/27/2018							
9/28/2018							
10/2/2018							
10/3/2018							
10/4/2018	130						

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-24	WGWC-23	WGWC-21	WGWC-22
4/1/2019							
4/2/2019							
4/3/2019	31						
4/4/2019							
9/16/2019							
9/17/2019							
9/18/2019	33						
9/19/2019							
3/16/2020							
3/17/2020							
3/18/2020							
3/19/2020	18						
5/4/2020							
9/21/2020							
9/22/2020							
9/23/2020							
9/24/2020	24						
3/8/2021		590	220				
3/9/2021				370	79	610	200
3/10/2021							
3/11/2021	24						
3/12/2021							
4/7/2021				510	66	520	
4/8/2021		540	180				170
8/23/2021							
8/24/2021							
8/25/2021	30						
8/26/2021		720	200	420	88	480	240
1/11/2022			220	320	67	580	270
1/12/2022		1200					
2/28/2022							
3/1/2022							
3/3/2022	17			280		580	
3/4/2022		1100	200		69		260
6/6/2022				210	90	670	
6/7/2022		920	240				210
8/15/2022							
8/16/2022						530	
8/17/2022			210		85		
8/18/2022		760		140			
8/19/2022	26						190
2/14/2023							
2/15/2023			200	230	71		210
2/16/2023	27	960				630	
8/11/2023		910					
8/14/2023							
8/15/2023			180				
8/16/2023	29						
8/17/2023				150	73	690	180
2/13/2024		1200					
2/14/2024				180			210
2/15/2024	31		130		76	740	

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/11/2025 2:05 PM View: Appendix III Interwell
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-24	WGWC-23	WGWC-21	WGWC-22
2/16/2024							
7/30/2024							
7/31/2024		1200	210	120	81		
8/1/2024						630	
8/2/2024	31						170
2/10/2025							
2/11/2025							
2/12/2025	28	1300	170				150
2/13/2025				160	140	610	

FIGURE E.

Appendix III Trend Tests - Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 2:08 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Boron (mg/L)	WGWC-8	0.2014	203	105	Yes	24	0	n/a	0.01	NP
Boron (mg/L)	WGWC-9	0.03737	139	105	Yes	24	0	n/a	0.01	NP
Boron (mg/L)	WGWC-16	-0.7068	-197	-105	Yes	24	0	n/a	0.01	NP
Boron (mg/L)	WGWC-20	1.261	42	38	Yes	12	0	n/a	0.01	NP
Calcium (mg/L)	WGWA-1 (bg)	0.04132	158	111	Yes	25	0	n/a	0.01	NP
Calcium (mg/L)	WGWA-18 (bg)	-1.273	-143	-111	Yes	25	0	n/a	0.01	NP
Calcium (mg/L)	WGWC-8	8.14	258	111	Yes	25	0	n/a	0.01	NP
Chloride (mg/L)	WGWA-2 (bg)	0.05277	128	111	Yes	25	0	n/a	0.01	NP
Chloride (mg/L)	WGWA-5 (bg)	-0.09982	-140	-98	Yes	23	0	n/a	0.01	NP
Chloride (mg/L)	WGWC-8	14.32	227	111	Yes	25	0	n/a	0.01	NP
Chloride (mg/L)	WGWC-16	-34.58	-202	-111	Yes	25	0	n/a	0.01	NP
Chloride (mg/L)	WGWC-24	-23.69	-60	-38	Yes	12	0	n/a	0.01	NP
Fluoride (mg/L)	WGWA-18 (bg)	-0.01127	-174	-131	Yes	28	17.86	n/a	0.01	NP
Fluoride (mg/L)	WGWC-9	-0.1138	-273	-131	Yes	28	0	n/a	0.01	NP
Fluoride (mg/L)	WGWC-15	-0.02055	-158	-131	Yes	28	0	n/a	0.01	NP
pH, Field (SU)	WGWA-2 (bg)	-0.03387	-149	-131	Yes	28	0	n/a	0.01	NP
pH, Field (SU)	WGWA-18 (bg)	-0.1363	-168	-131	Yes	28	0	n/a	0.01	NP
Sulfate (mg/L)	WGWA-4 (bg)	0.2872	143	111	Yes	25	0	n/a	0.01	NP
Sulfate (mg/L)	WGWA-18 (bg)	-0.5169	-119	-111	Yes	25	0	n/a	0.01	NP
Sulfate (mg/L)	WGWC-8	12.45	212	111	Yes	25	0	n/a	0.01	NP
Sulfate (mg/L)	WGWC-16	-66.74	-189	-111	Yes	25	0	n/a	0.01	NP
TDS (mg/L)	WGWA-1 (bg)	2.937	147	111	Yes	25	16	n/a	0.01	NP
TDS (mg/L)	WGWC-8	40.52	246	111	Yes	25	0	n/a	0.01	NP

Appendix III Trend Tests - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 2:08 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Boron (mg/L)	WGWA-1 (bg)	0	-15	-105	No	24	95.83	n/a	0.01	NP
Boron (mg/L)	WGWA-2 (bg)	0	-40	-105	No	24	83.33	n/a	0.01	NP
Boron (mg/L)	WGWA-3 (bg)	0	0	105	No	24	100	n/a	0.01	NP
Boron (mg/L)	WGWA-4 (bg)	0	0	105	No	24	100	n/a	0.01	NP
Boron (mg/L)	WGWA-5 (bg)	0	-17	-92	No	22	95.45	n/a	0.01	NP
Boron (mg/L)	WGWA-6 (bg)	0	0	105	No	24	100	n/a	0.01	NP
Boron (mg/L)	WGWA-7 (bg)	0	-15	-105	No	24	95.83	n/a	0.01	NP
Boron (mg/L)	WGWA-18 (bg)	0	20	105	No	24	91.67	n/a	0.01	NP
Boron (mg/L)	**WGWC-8**	**0.2014**	**203**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**WGWC-9**	**0.03737**	**139**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**WGWC-16**	**-0.7068**	**-197**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**WGWC-20**	**1.261**	**42**	**38**	**Yes**	**12**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	WGWC-21	0	-6	-38	No	12	0	n/a	0.01	NP
Boron (mg/L)	WGWC-22	-0.004949	-13	-38	No	12	0	n/a	0.01	NP
Boron (mg/L)	WGWC-24	-0.3234	-38	-38	No	12	0	n/a	0.01	NP
Boron (mg/L)	WGWC-25	0.003646	0	38	No	12	0	n/a	0.01	NP
Calcium (mg/L)	**WGWA-1 (bg)**	**0.04132**	**158**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	WGWA-2 (bg)	0	-31	-111	No	25	0	n/a	0.01	NP
Calcium (mg/L)	WGWA-3 (bg)	0	8	111	No	25	0	n/a	0.01	NP
Calcium (mg/L)	WGWA-4 (bg)	0	35	111	No	25	0	n/a	0.01	NP
Calcium (mg/L)	WGWA-5 (bg)	-0.03453	-24	-98	No	23	0	n/a	0.01	NP
Calcium (mg/L)	WGWA-6 (bg)	0.1608	61	111	No	25	0	n/a	0.01	NP
Calcium (mg/L)	WGWA-7 (bg)	0.04064	40	111	No	25	0	n/a	0.01	NP
Calcium (mg/L)	**WGWA-18 (bg)**	**-1.273**	**-143**	**-111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**WGWC-8**	**8.14**	**258**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	WGWC-20	32.6	37	38	No	12	0	n/a	0.01	NP
Calcium (mg/L)	WGWC-21	2.441	22	38	No	12	0	n/a	0.01	NP
Chloride (mg/L)	WGWA-1 (bg)	0.04698	97	111	No	25	0	n/a	0.01	NP
Chloride (mg/L)	**WGWA-2 (bg)**	**0.05277**	**128**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWA-3 (bg)	0	-2	-111	No	25	0	n/a	0.01	NP
Chloride (mg/L)	WGWA-4 (bg)	0	-36	-111	No	25	0	n/a	0.01	NP
Chloride (mg/L)	**WGWA-5 (bg)**	**-0.09982**	**-140**	**-98**	**Yes**	**23**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWA-6 (bg)	0	37	111	No	25	0	n/a	0.01	NP
Chloride (mg/L)	WGWA-7 (bg)	0	-1	-111	No	25	0	n/a	0.01	NP
Chloride (mg/L)	WGWA-18 (bg)	-0.04403	-85	-111	No	25	0	n/a	0.01	NP
Chloride (mg/L)	**WGWC-8**	**14.32**	**227**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**WGWC-16**	**-34.58**	**-202**	**-111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWC-20	59.6	33	38	No	12	0	n/a	0.01	NP
Chloride (mg/L)	WGWC-21	0	2	38	No	12	0	n/a	0.01	NP
Chloride (mg/L)	**WGWC-24**	**-23.69**	**-60**	**-38**	**Yes**	**12**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWC-25	-8.743	-21	-38	No	12	0	n/a	0.01	NP
Fluoride (mg/L)	WGWA-1 (bg)	0	5	131	No	28	78.57	n/a	0.01	NP
Fluoride (mg/L)	WGWA-2 (bg)	-0.003519	-93	-131	No	28	39.29	n/a	0.01	NP
Fluoride (mg/L)	WGWA-3 (bg)	0	-24	-131	No	28	67.86	n/a	0.01	NP
Fluoride (mg/L)	WGWA-4 (bg)	-0.004866	-127	-131	No	28	3.571	n/a	0.01	NP
Fluoride (mg/L)	WGWA-5 (bg)	0	32	118	No	26	88.46	n/a	0.01	NP
Fluoride (mg/L)	WGWA-6 (bg)	-0.002058	-80	-131	No	28	10.71	n/a	0.01	NP
Fluoride (mg/L)	WGWA-7 (bg)	0	-1	-131	No	28	78.57	n/a	0.01	NP
Fluoride (mg/L)	**WGWA-18 (bg)**	**-0.01127**	**-174**	**-131**	**Yes**	**28**	**17.86**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**WGWC-9**	**-0.1138**	**-273**	**-131**	**Yes**	**28**	**0**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**WGWC-15**	**-0.02055**	**-158**	**-131**	**Yes**	**28**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	WGWA-1 (bg)	-0.01038	-62	-131	No	28	0	n/a	0.01	NP
pH, Field (SU)	**WGWA-2 (bg)**	**-0.03387**	**-149**	**-131**	**Yes**	**28**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	WGWA-3 (bg)	-0.02045	-128	-131	No	28	0	n/a	0.01	NP
pH, Field (SU)	WGWA-4 (bg)	0.03418	52	131	No	28	0	n/a	0.01	NP

Appendix III Trend Tests - All Results

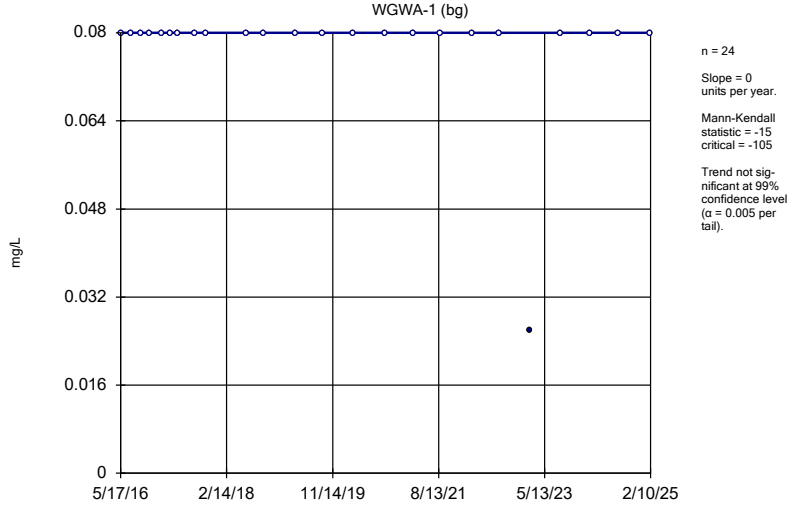
Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 2:08 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
pH, Field (SU)	WGWA-5 (bg)	-0.01322	-27	-118	No	26	0	n/a	0.01	NP
pH, Field (SU)	WGWA-6 (bg)	0.03358	111	124	No	27	0	n/a	0.01	NP
pH, Field (SU)	WGWA-7 (bg)	-0.01299	-43	-131	No	28	0	n/a	0.01	NP
pH, Field (SU)	**WGWA-18 (bg)**	**-0.1363**	**-168**	**-131**	**Yes**	**28**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	WGWC-24	0.0504	27	38	No	12	0	n/a	0.01	NP
Sulfate (mg/L)	WGWA-1 (bg)	0	-7	-111	No	25	92	n/a	0.01	NP
Sulfate (mg/L)	WGWA-2 (bg)	-0.03802	-74	-111	No	25	0	n/a	0.01	NP
Sulfate (mg/L)	WGWA-3 (bg)	-0.006092	-26	-111	No	25	8	n/a	0.01	NP
Sulfate (mg/L)	**WGWA-4 (bg)**	**0.2872**	**143**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	WGWA-5 (bg)	0.028	28	98	No	23	21.74	n/a	0.01	NP
Sulfate (mg/L)	WGWA-6 (bg)	-0.1016	-81	-111	No	25	0	n/a	0.01	NP
Sulfate (mg/L)	WGWA-7 (bg)	0	-48	-111	No	25	68	n/a	0.01	NP
Sulfate (mg/L)	**WGWA-18 (bg)**	**-0.5169**	**-119**	**-111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**WGWC-8**	**12.45**	**212**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	WGWC-9	1.781	95	111	No	25	0	n/a	0.01	NP
Sulfate (mg/L)	**WGWC-16**	**-66.74**	**-189**	**-111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	WGWC-20	36.35	28	38	No	12	0	n/a	0.01	NP
Sulfate (mg/L)	WGWC-21	41.32	37	38	No	12	0	n/a	0.01	NP
Sulfate (mg/L)	WGWC-22	-12.21	-20	-38	No	12	0	n/a	0.01	NP
Sulfate (mg/L)	WGWC-24	-28.75	-37	-38	No	12	0	n/a	0.01	NP
TDS (mg/L)	**WGWA-1 (bg)**	**2.937**	**147**	**111**	**Yes**	**25**	**16**	**n/a**	**0.01**	**NP**
TDS (mg/L)	WGWA-2 (bg)	3.321	83	111	No	25	0	n/a	0.01	NP
TDS (mg/L)	WGWA-3 (bg)	1.576	99	111	No	25	4	n/a	0.01	NP
TDS (mg/L)	WGWA-4 (bg)	1.154	73	111	No	25	0	n/a	0.01	NP
TDS (mg/L)	WGWA-5 (bg)	2.455	47	98	No	23	13.04	n/a	0.01	NP
TDS (mg/L)	WGWA-6 (bg)	1.835	79	111	No	25	0	n/a	0.01	NP
TDS (mg/L)	WGWA-7 (bg)	2.579	86	111	No	25	12	n/a	0.01	NP
TDS (mg/L)	WGWA-18 (bg)	-4.064	-91	-111	No	25	0	n/a	0.01	NP
TDS (mg/L)	**WGWC-8**	**40.52**	**246**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	WGWC-20	164.4	37	38	No	12	0	n/a	0.01	NP
TDS (mg/L)	WGWC-21	35.29	27	38	No	12	0	n/a	0.01	NP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = -15
critical = -105

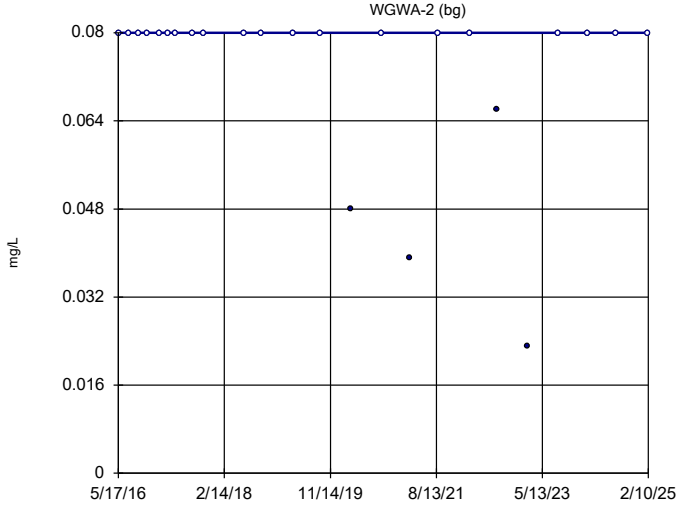
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/11/2025 2:06 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 = 24

Slope = 0 units per year.

Mann-Kendall statistic = -40
critical = -105

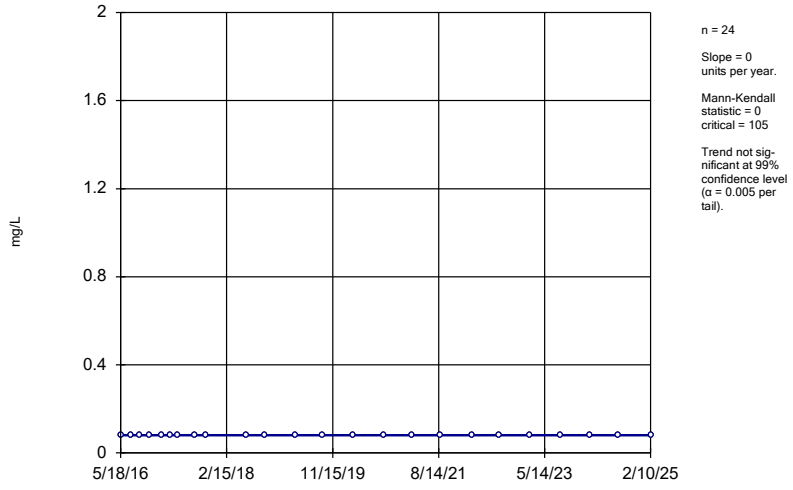
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/11/2025 2:06 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 = 24

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 105

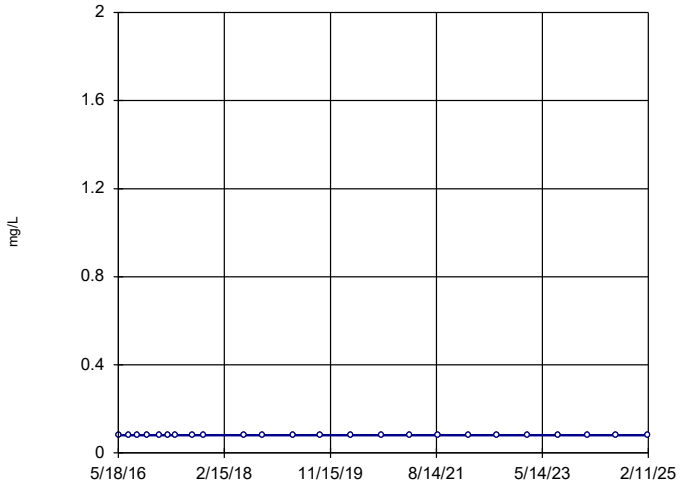
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/11/2025 2:06 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 = 24

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 105

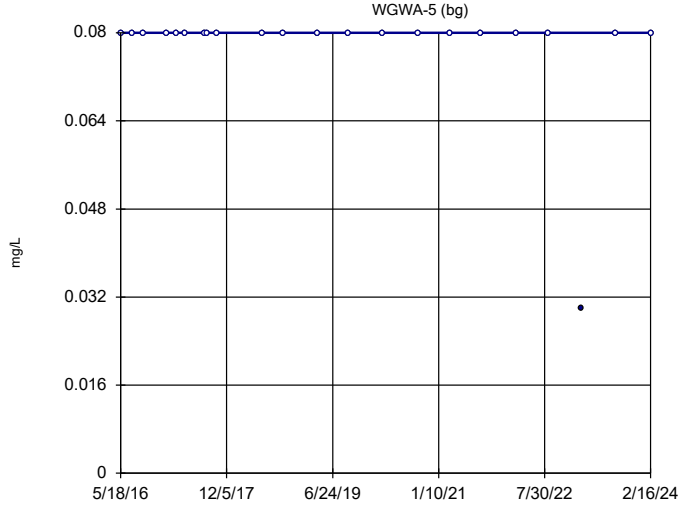
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/11/2025 2:06 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

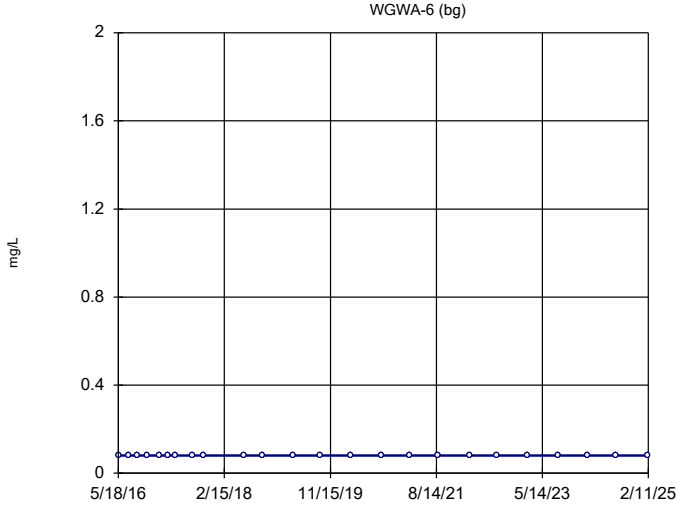
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/11/2025 2:06 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 = 24

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 105

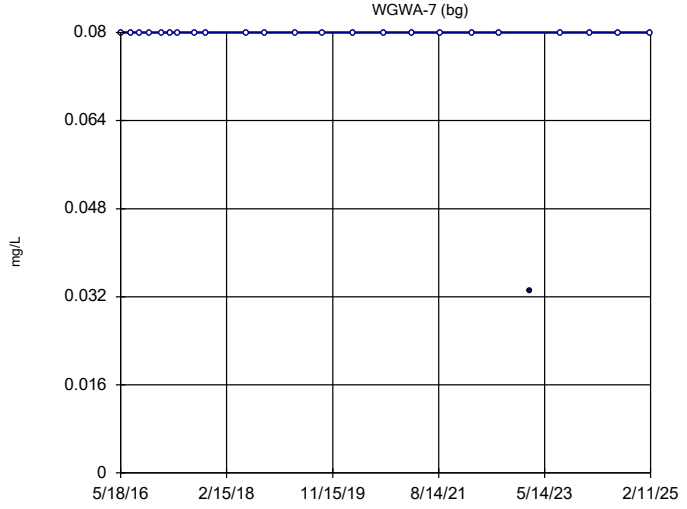
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/11/2025 2:06 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 = 24

Slope = 0 units per year.

Mann-Kendall statistic = -15 critical = -105

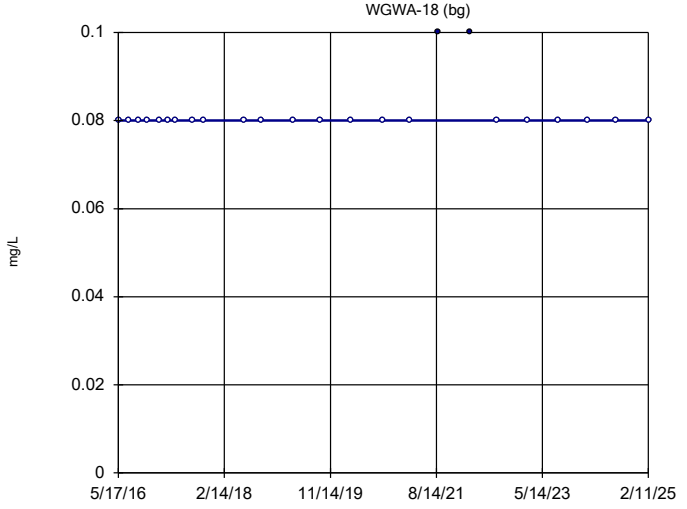
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/11/2025 2:06 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 = 24

Slope = 0 units per year.

Mann-Kendall statistic = 20 critical = 105

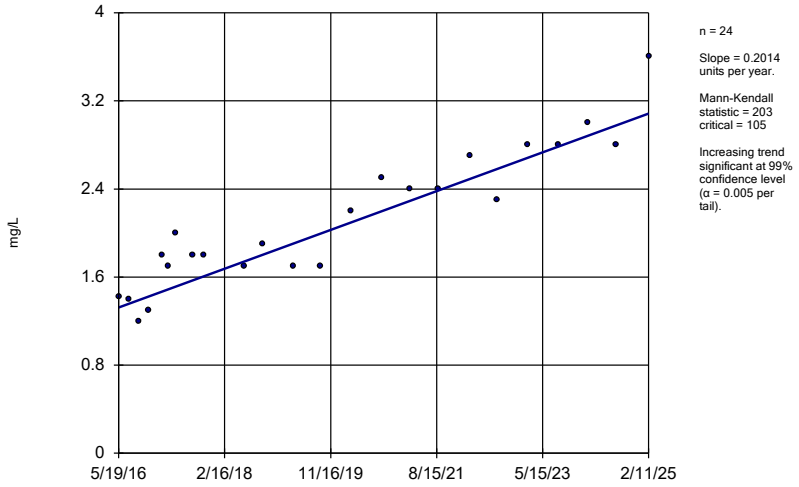
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/11/2025 2:06 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-8



n = 24

Slope = 0.2014 units per year.

Mann-Kendall statistic = 203
critical = 105

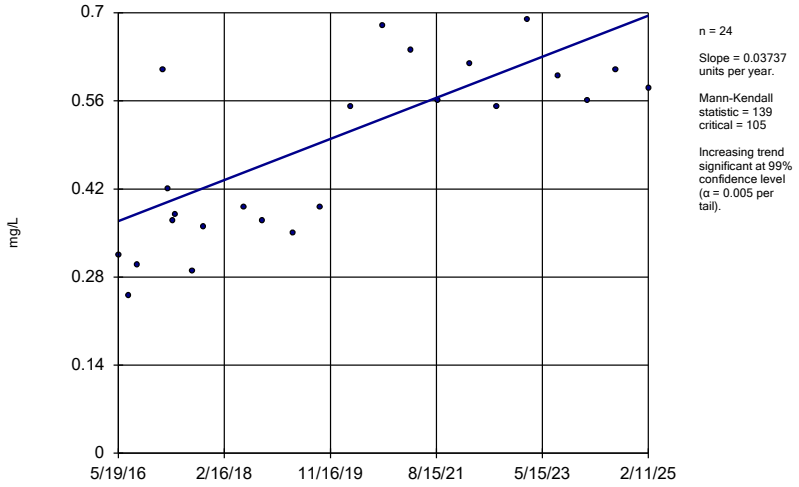
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/11/2025 2:06 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 = 24

Slope = 0.03737 units per year.

Mann-Kendall statistic = 139
critical = 105

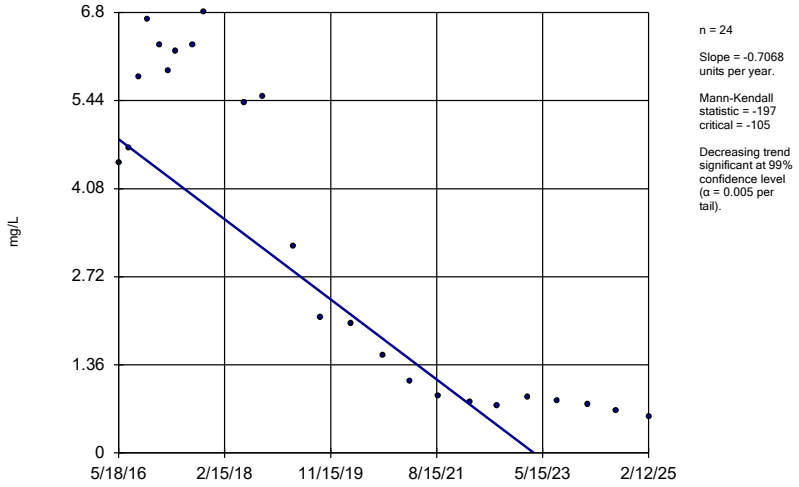
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/11/2025 2:06 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 = 24

Slope = -0.7068 units per year.

Mann-Kendall statistic = -197
critical = -105

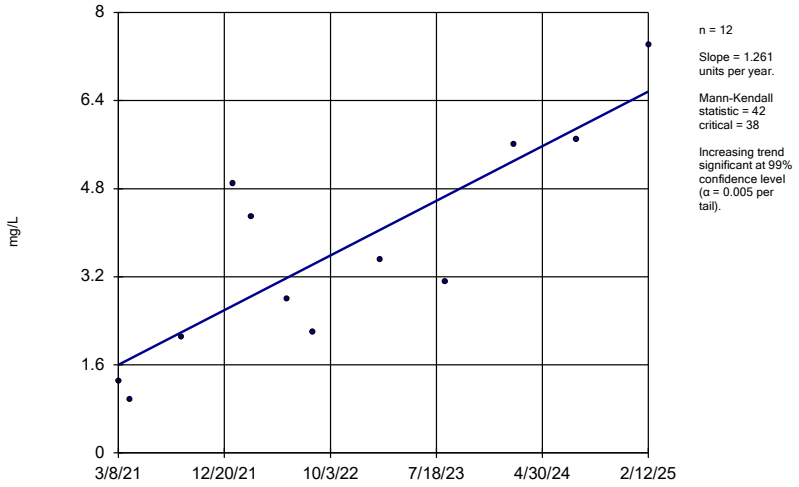
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/11/2025 2:06 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 = 12

Slope = 1.261 units per year.

Mann-Kendall statistic = 42
critical = 38

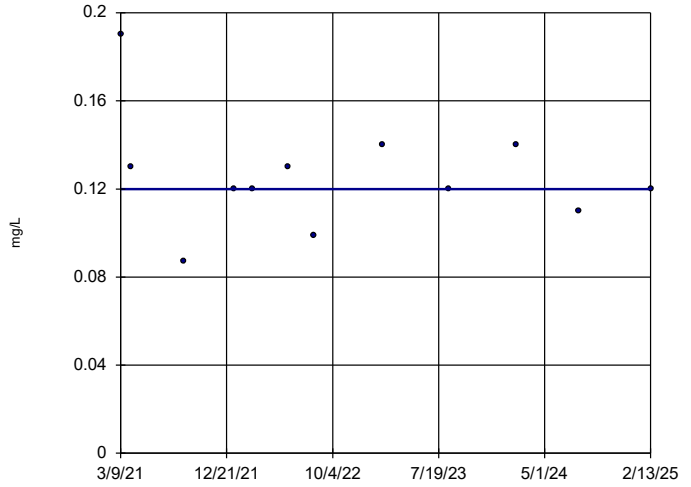
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/11/2025 2:06 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 = 12

Slope = 0 units per year.

Mann-Kendall statistic = -6
critical = -38

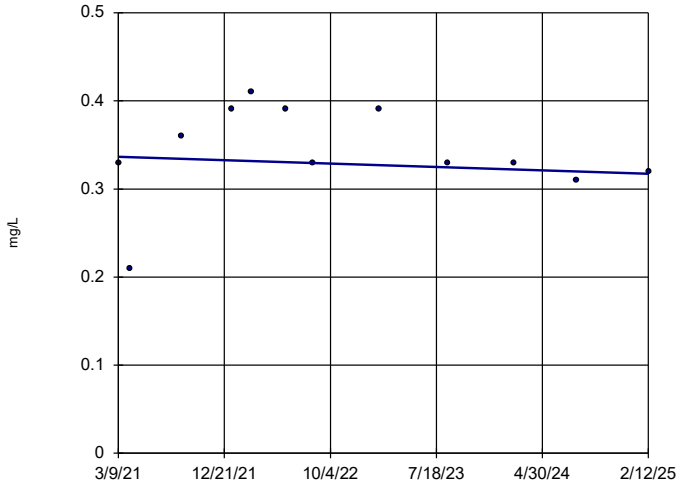
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/11/2025 2:06 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 = 12

Slope = -0.004949 units per year.

Mann-Kendall statistic = -13
critical = -38

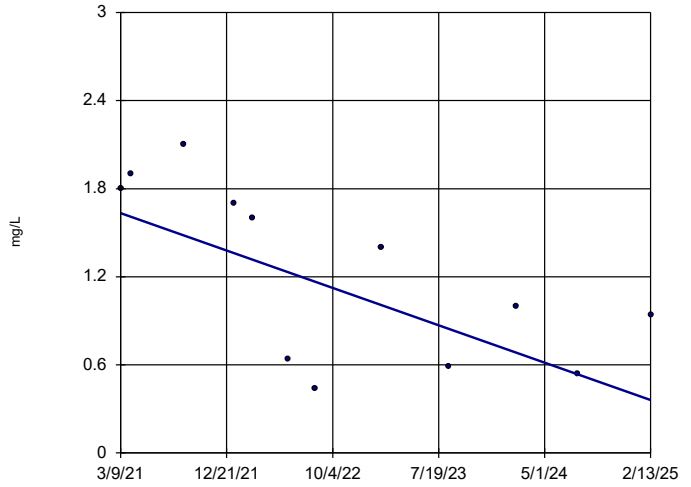
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/11/2025 2:06 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 = 12

Slope = -0.3234 units per year.

Mann-Kendall statistic = -38
critical = -38

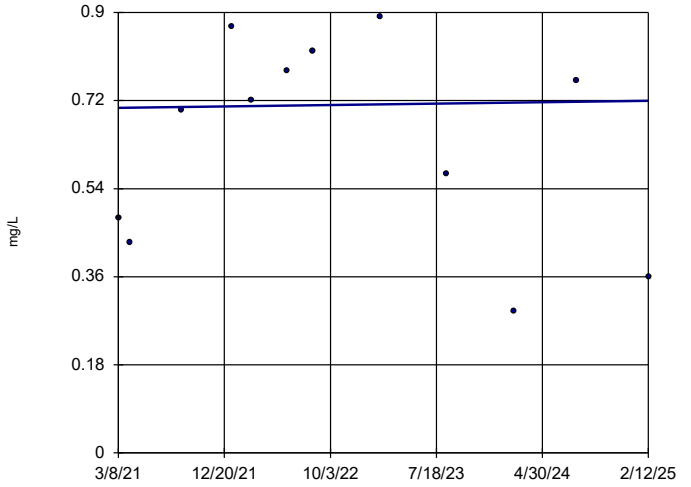
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/11/2025 2:06 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 = 12

Slope = 0.003646 units per year.

Mann-Kendall statistic = 0
critical = 38

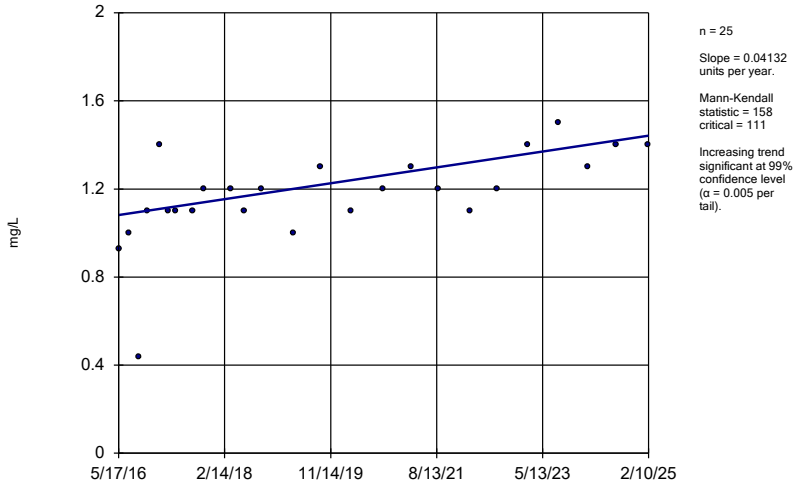
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/11/2025 2:06 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 = 25

Slope = 0.04132 units per year.

Mann-Kendall statistic = 158 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

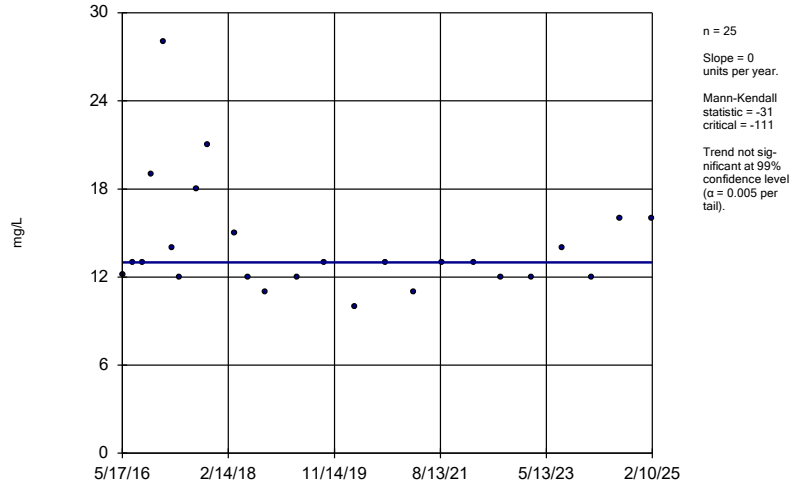
Constituent: Calcium Analysis Run 4/11/2025 2:06 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWA-2 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = -31 critical = -111

Trend not significant at 99% confidence level (α = 0.005 per tail).

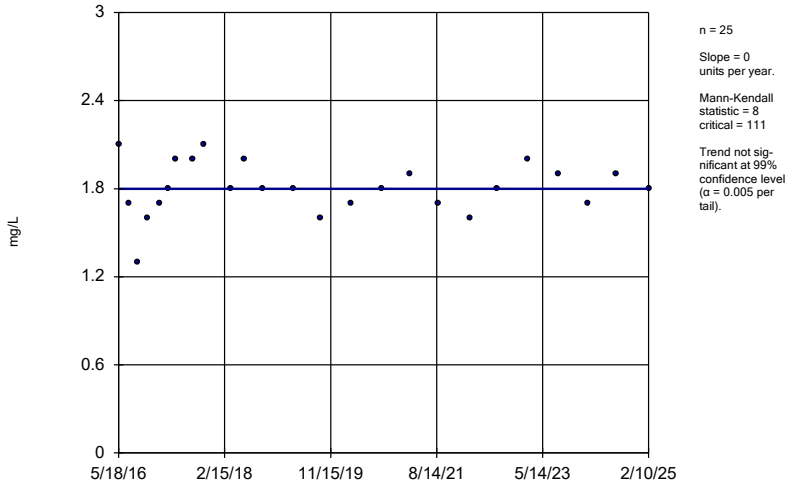
Constituent: Calcium Analysis Run 4/11/2025 2:06 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWA-3 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = 8 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

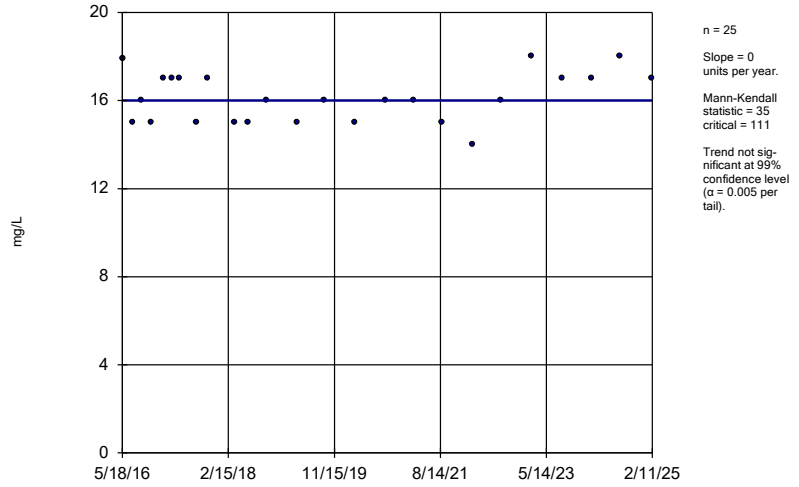
Constituent: Calcium Analysis Run 4/11/2025 2:06 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWA-4 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = 35 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

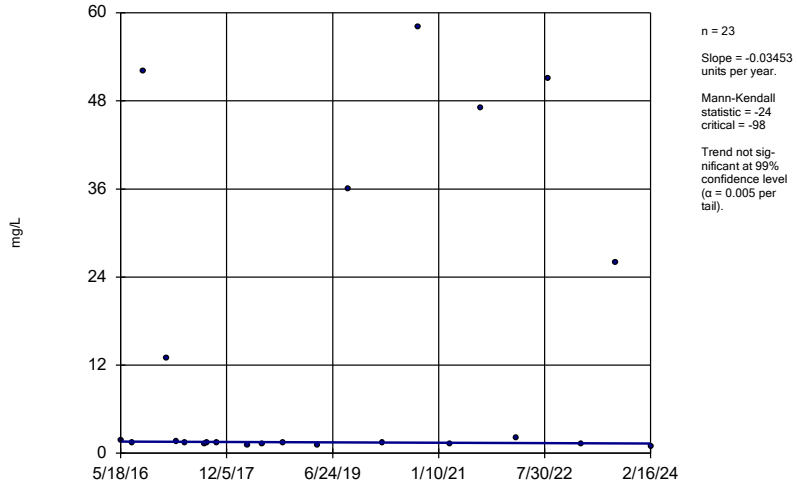
Constituent: Calcium Analysis Run 4/11/2025 2:06 PM View: Appendix III Trend Tests

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

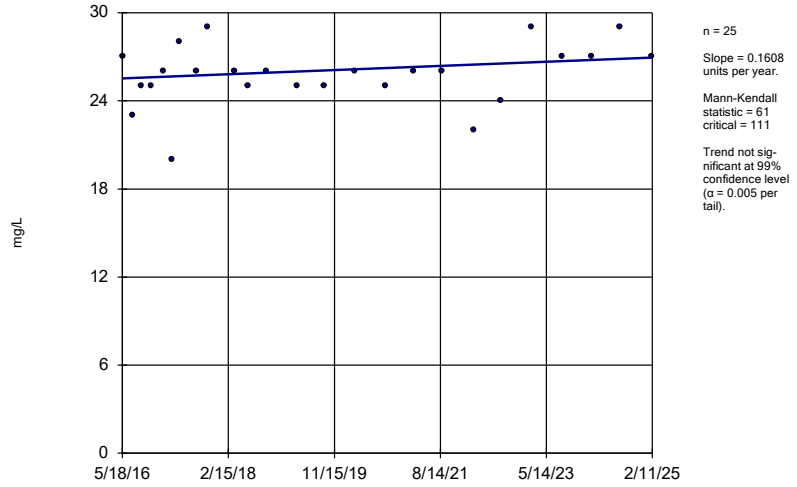
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/11/2025 2:06 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 = 25

Slope = 0.1608 units per year.

Mann-Kendall statistic = 61
critical = 111

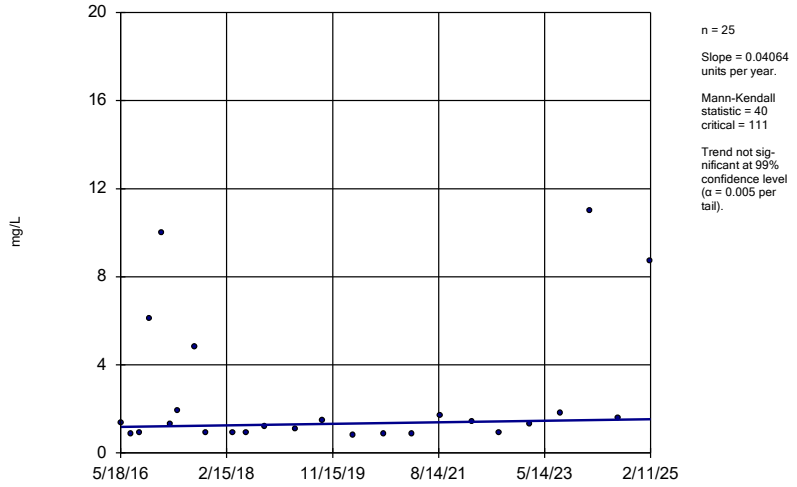
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/11/2025 2:07 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 = 25

Slope = 0.04064 units per year.

Mann-Kendall statistic = 40
critical = 111

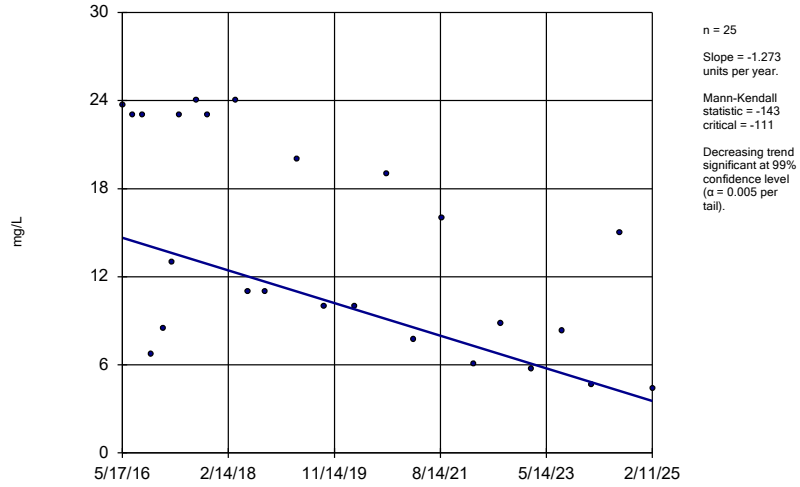
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/11/2025 2:07 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 = 25

Slope = -1.273 units per year.

Mann-Kendall statistic = -143
critical = -111

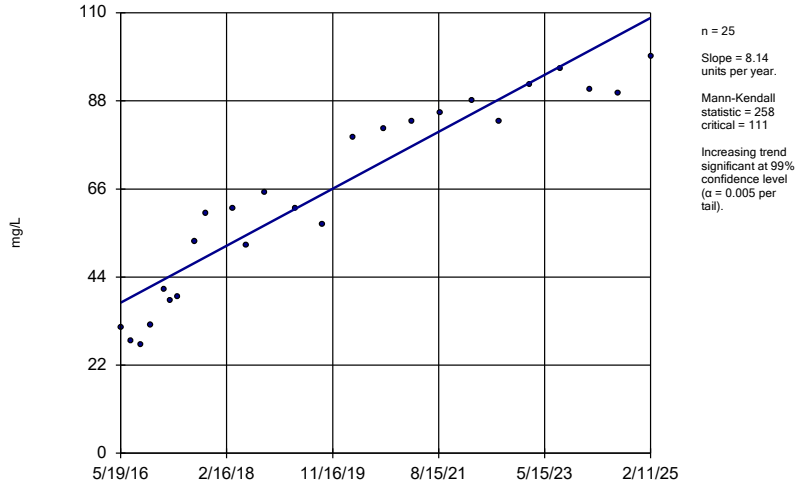
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-8



n = 25

Slope = 8.14 units per year.

Mann-Kendall statistic = 258 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

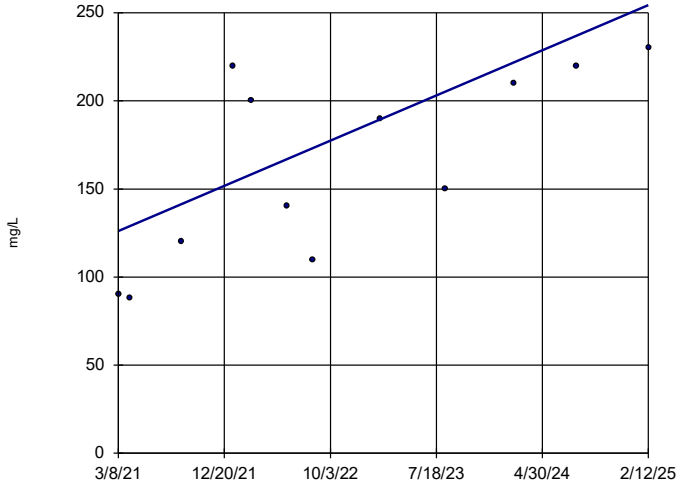
Constituent: Calcium Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-20



n = 12

Slope = 32.6 units per year.

Mann-Kendall statistic = 37 critical = 38

Trend not significant at 99% confidence level (α = 0.005 per tail).

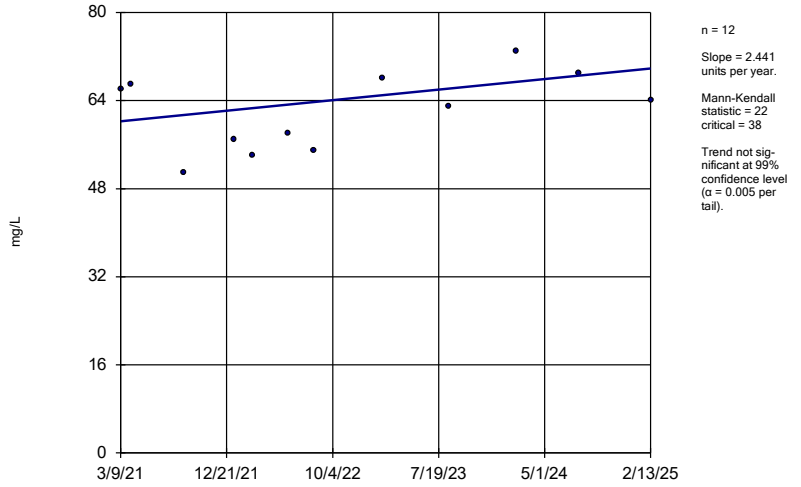
Constituent: Calcium Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-21



n = 12

Slope = 2.441 units per year.

Mann-Kendall statistic = 22 critical = 38

Trend not significant at 99% confidence level (α = 0.005 per tail).

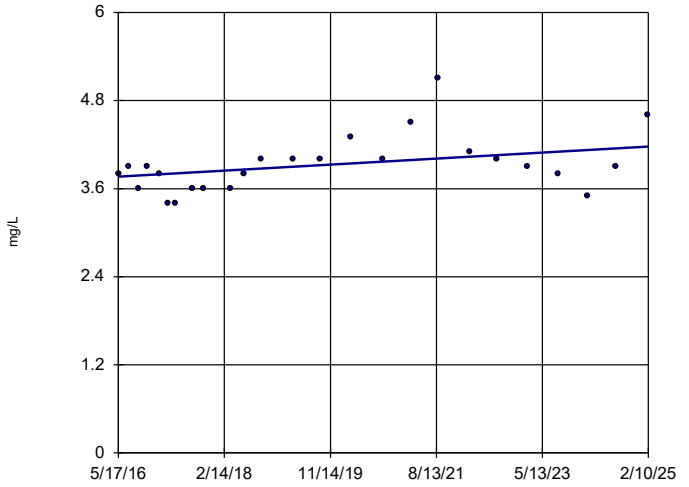
Constituent: Calcium Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWA-1 (bg)



n = 25

Slope = 0.04698 units per year.

Mann-Kendall statistic = 97 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

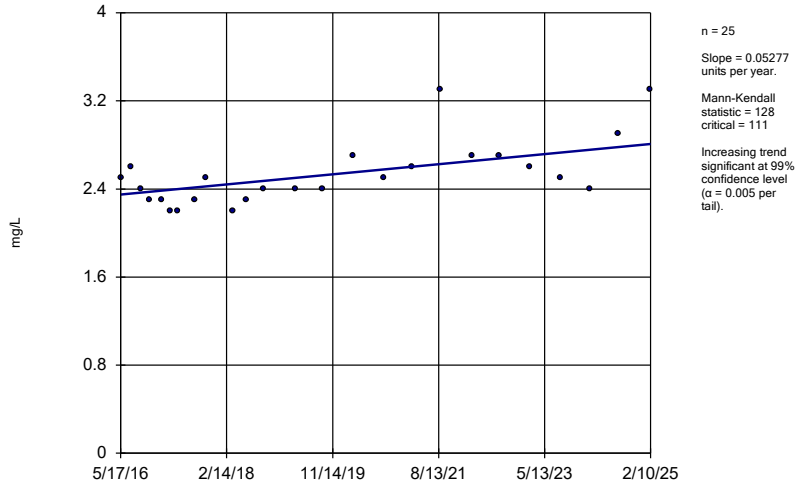
Constituent: Chloride Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWA-2 (bg)



n = 25

Slope = 0.05277 units per year.

Mann-Kendall statistic = 128
critical = 111

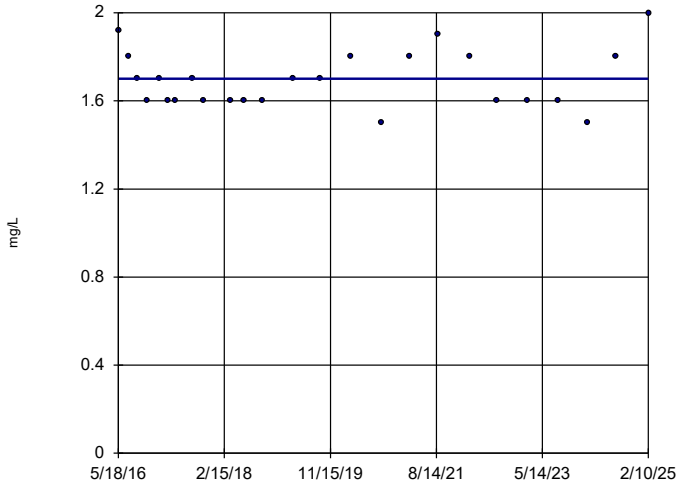
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/11/2025 2:07 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 = 25

Slope = 0 units per year.

Mann-Kendall statistic = -2
critical = -111

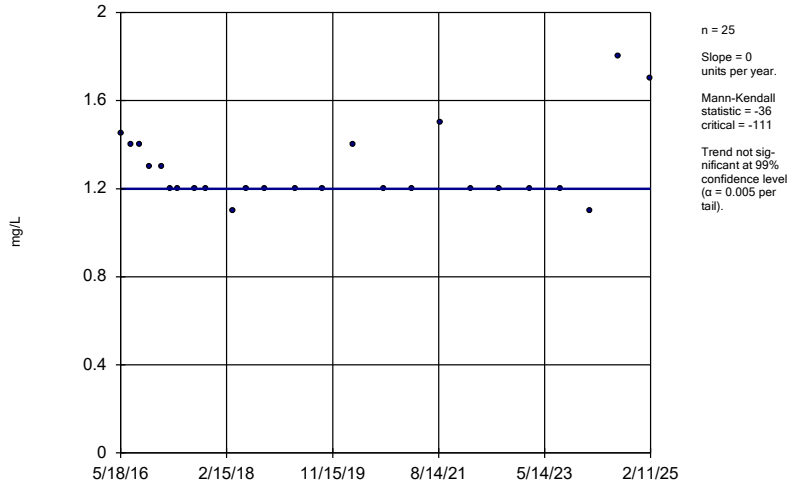
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/11/2025 2:07 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 = 25

Slope = 0 units per year.

Mann-Kendall statistic = -36
critical = -111

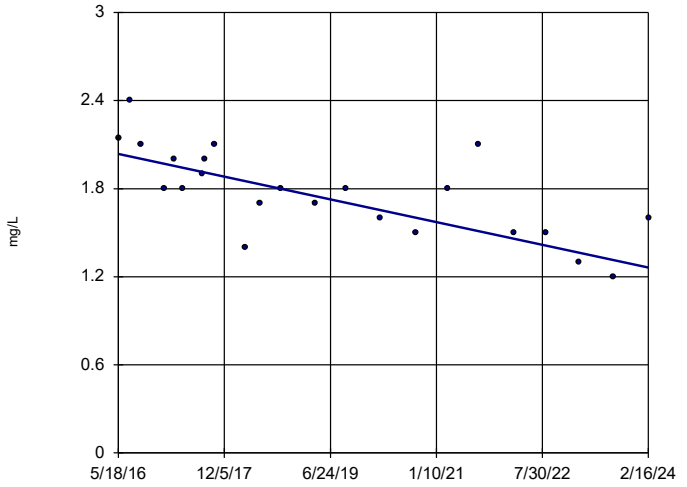
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/11/2025 2:07 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

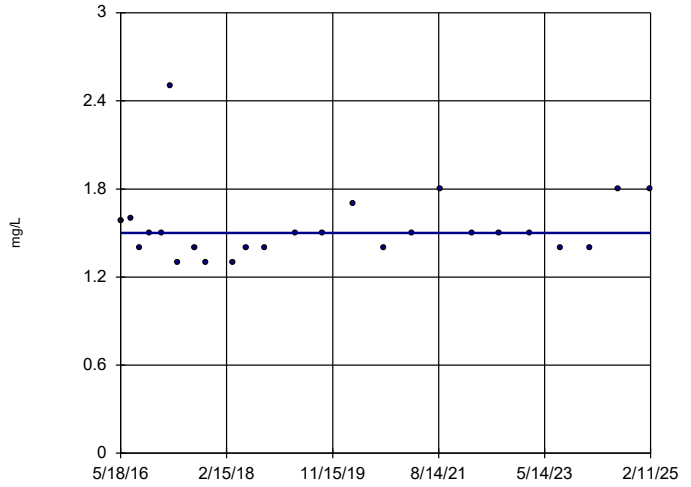
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/11/2025 2:07 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 = 25

Slope = 0 units per year.

Mann-Kendall statistic = 37 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

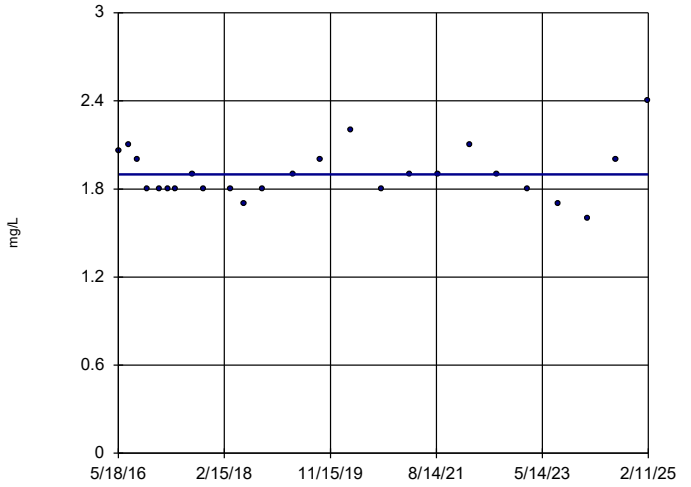
Constituent: Chloride Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWA-7 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = -1 critical = -111

Trend not significant at 99% confidence level (α = 0.005 per tail).

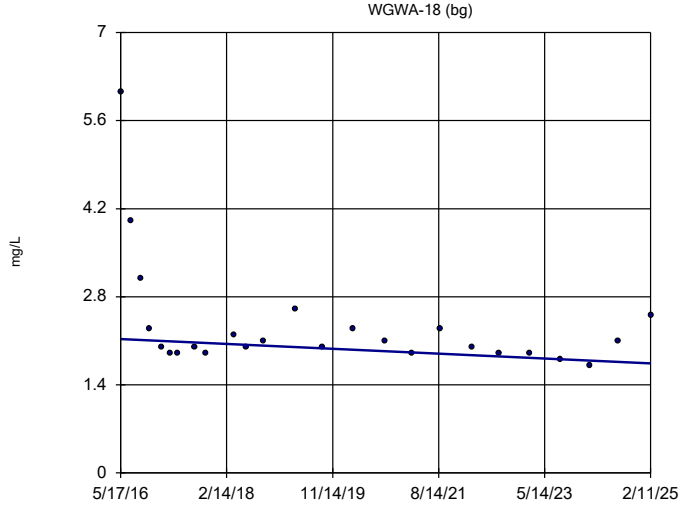
Constituent: Chloride Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWA-18 (bg)



n = 25

Slope = -0.04403 units per year.

Mann-Kendall statistic = -85 critical = -111

Trend not significant at 99% confidence level (α = 0.005 per tail).

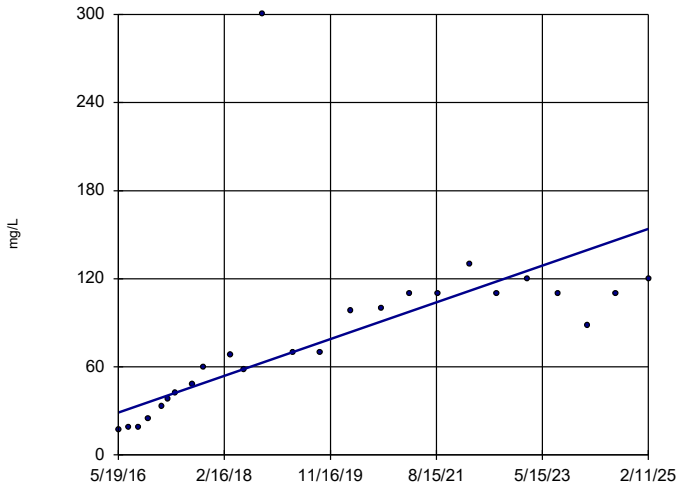
Constituent: Chloride Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-8



n = 25

Slope = 14.32 units per year.

Mann-Kendall statistic = 227 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

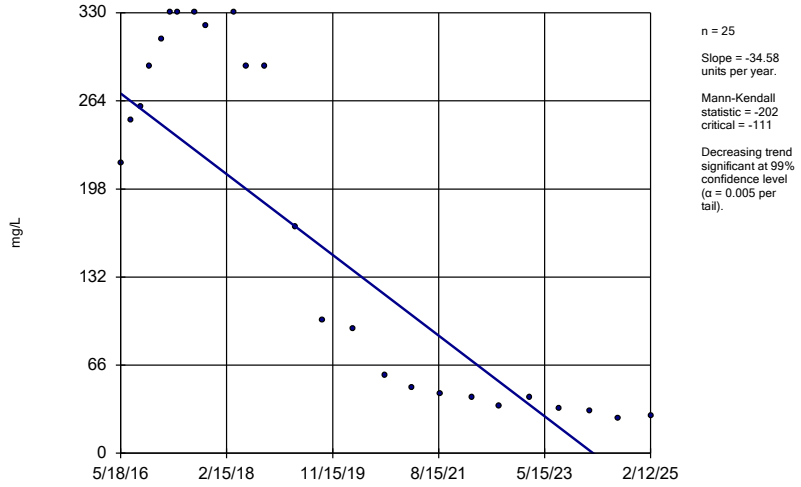
Constituent: Chloride Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-16



n = 25

Slope = -34.58 units per year.

Mann-Kendall statistic = -202 critical = -111

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

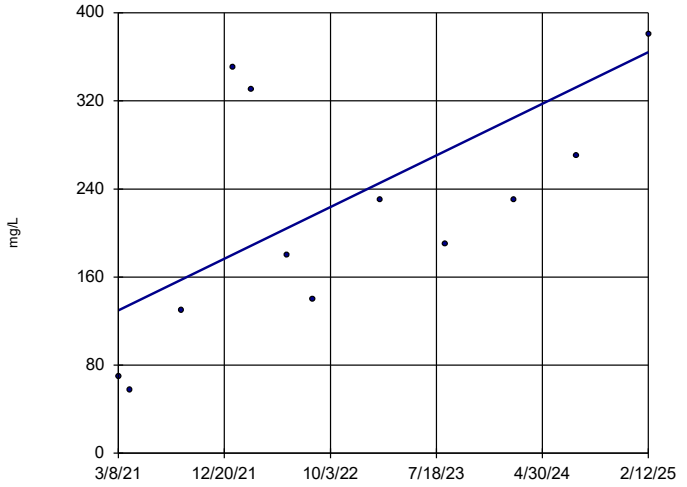
Constituent: Chloride Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-20



n = 12

Slope = 59.6 units per year.

Mann-Kendall statistic = 33 critical = 38

Trend not significant at 99% confidence level (α = 0.005 per tail).

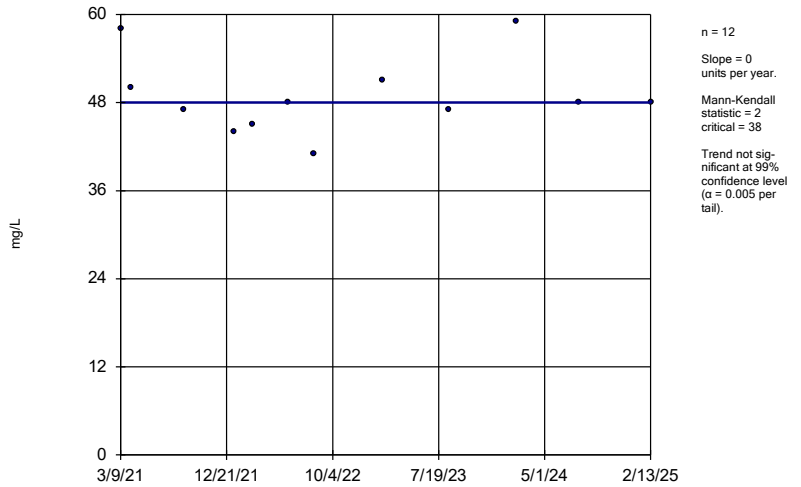
Constituent: Chloride Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-21



n = 12

Slope = 0 units per year.

Mann-Kendall statistic = 2 critical = 38

Trend not significant at 99% confidence level (α = 0.005 per tail).

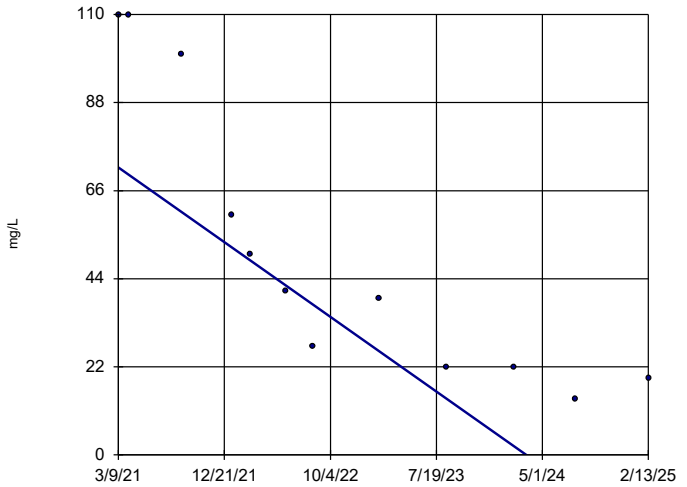
Constituent: Chloride Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-24



n = 12

Slope = -23.69 units per year.

Mann-Kendall statistic = -60 critical = -38

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

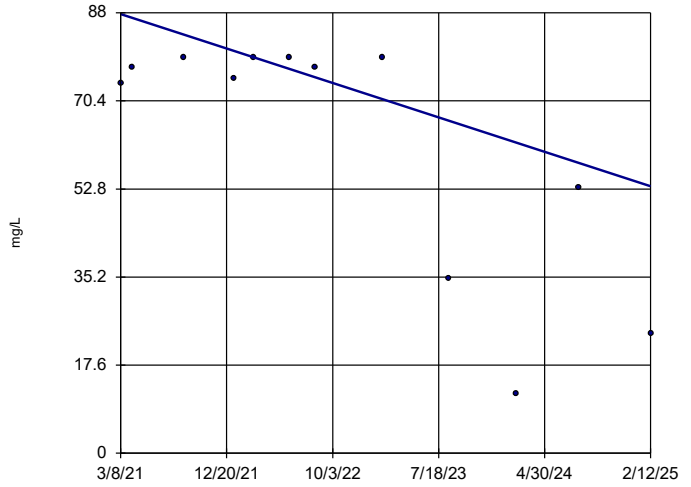
Constituent: Chloride Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-25



n = 12

Slope = -8.743 units per year.

Mann-Kendall statistic = -21
critical = -38

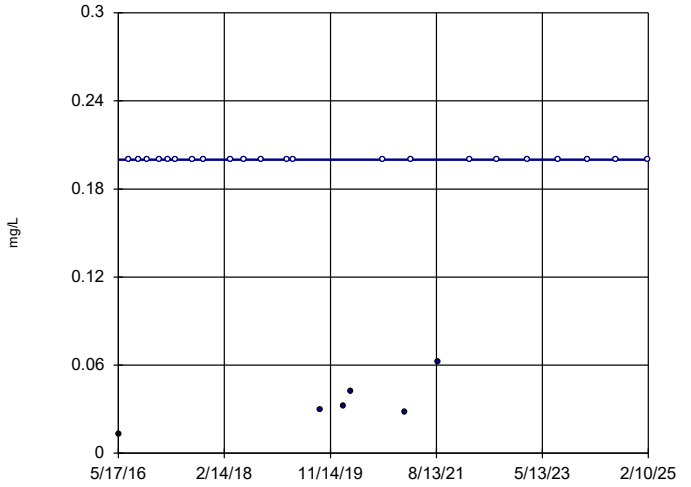
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/11/2025 2:07 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 = 28

Slope = 0 units per year.

Mann-Kendall statistic = 5
critical = 131

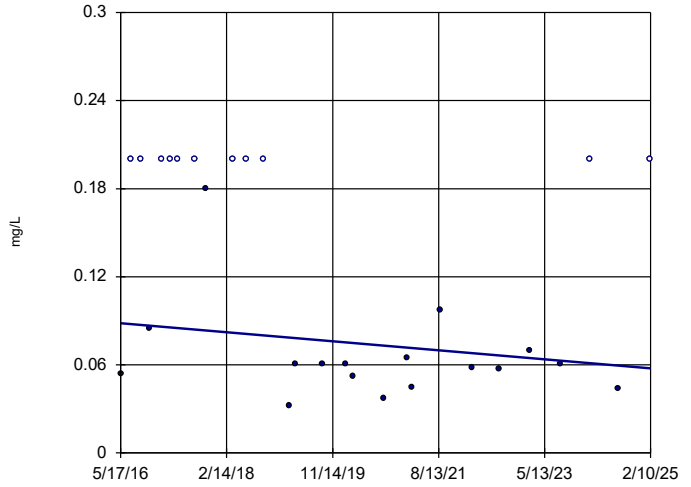
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/11/2025 2:07 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 = 28

Slope = -0.003519 units per year.

Mann-Kendall statistic = -93
critical = -131

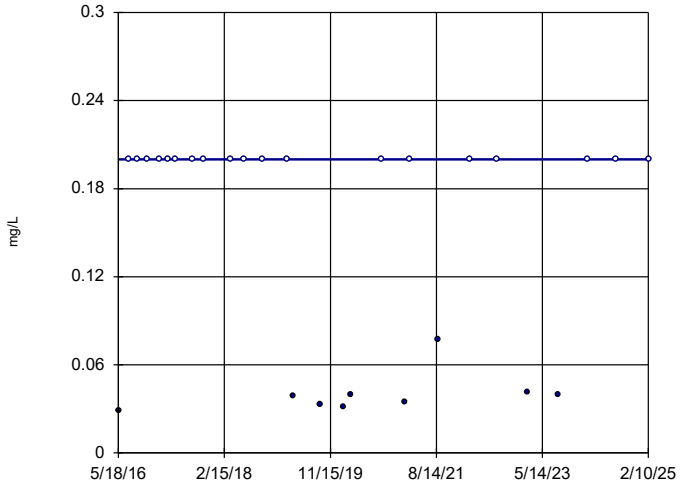
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/11/2025 2:07 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 = 28

Slope = 0 units per year.

Mann-Kendall statistic = -24
critical = -131

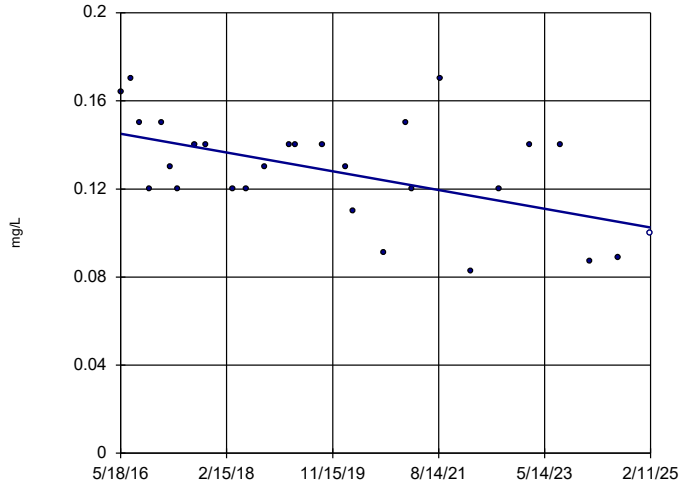
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/11/2025 2:07 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 = 28

Slope = -0.004866 units per year.

Mann-Kendall statistic = -127
critical = -131

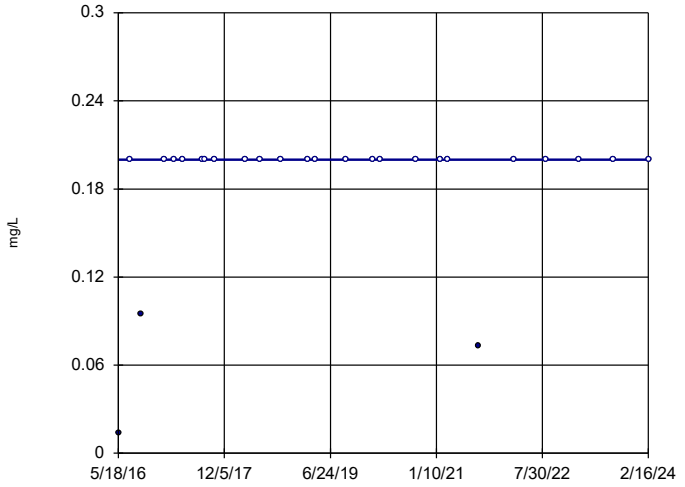
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/11/2025 2:07 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

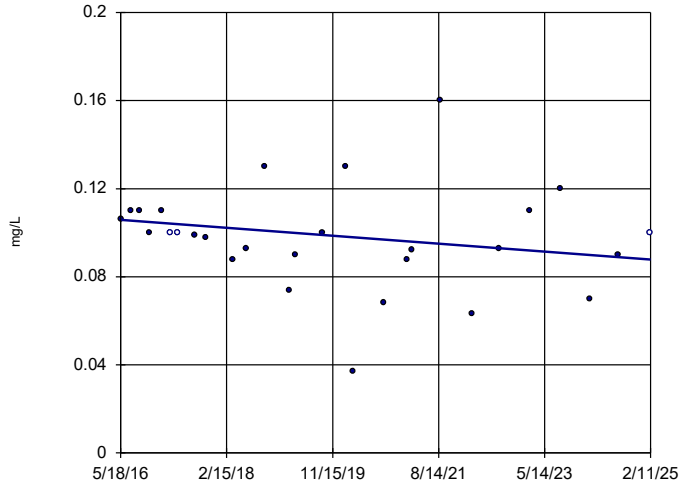
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/11/2025 2:07 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 = 28

Slope = -0.002058 units per year.

Mann-Kendall statistic = -80
critical = -131

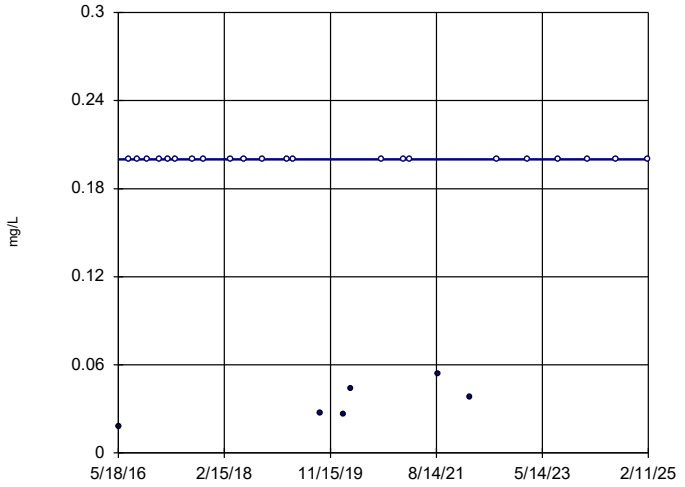
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/11/2025 2:07 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 = 28

Slope = 0 units per year.

Mann-Kendall statistic = -1
critical = -131

Trend not significant at 99% confidence level (α = 0.005 per tail).

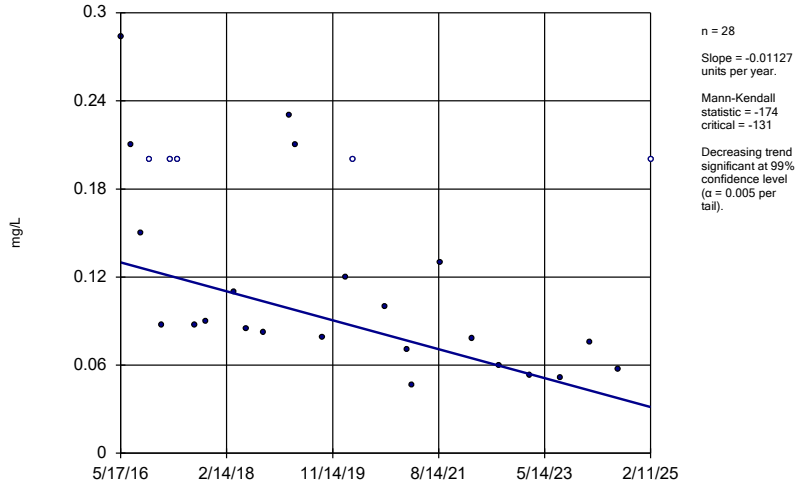
Constituent: Fluoride Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-18 (bg)



n = 28

Slope = -0.01127 units per year.

Mann-Kendall statistic = -174 critical = -131

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

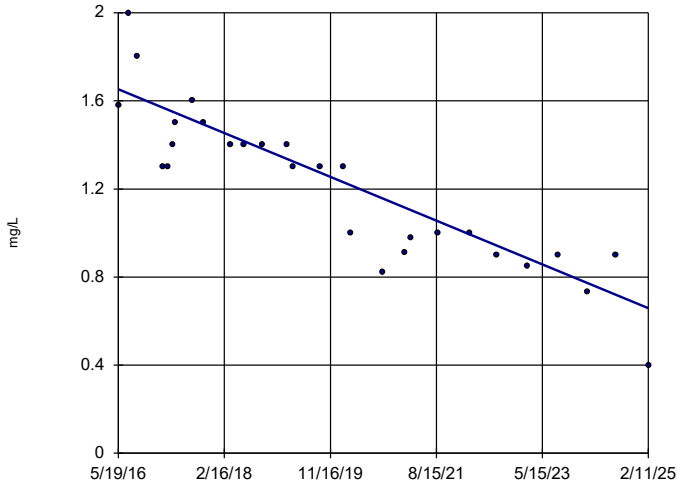
Constituent: Fluoride Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-9



n = 28

Slope = -0.1138 units per year.

Mann-Kendall statistic = -273 critical = -131

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

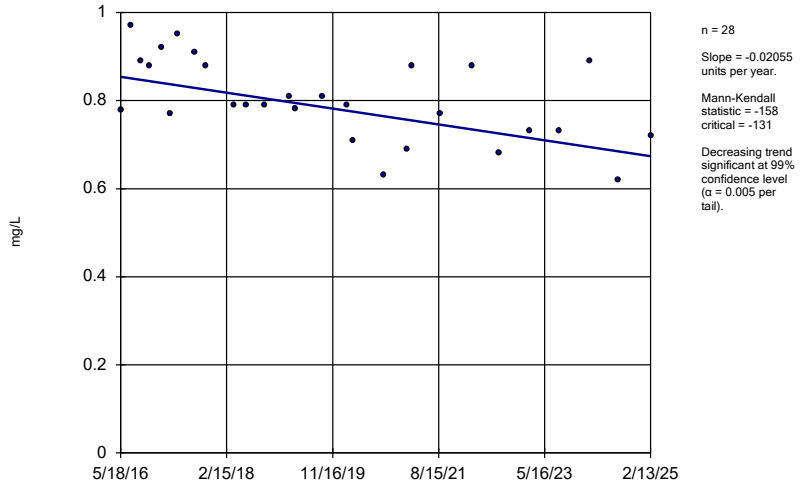
Constituent: Fluoride Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-15



n = 28

Slope = -0.02055 units per year.

Mann-Kendall statistic = -158 critical = -131

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

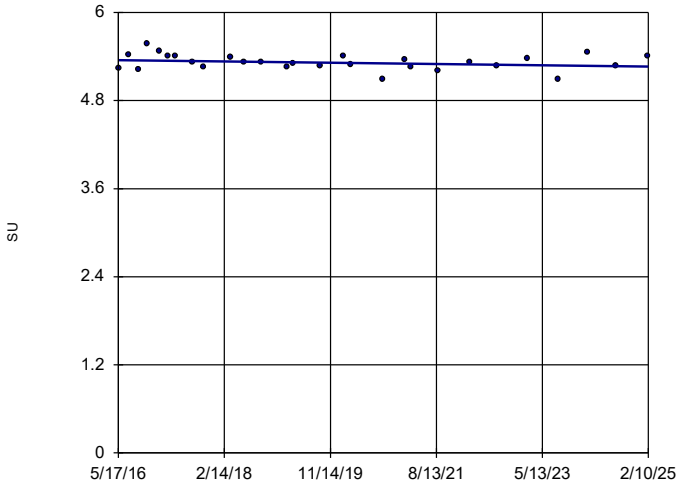
Constituent: Fluoride Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWA-1 (bg)



n = 28

Slope = -0.01038 units per year.

Mann-Kendall statistic = -62 critical = -131

Trend not significant at 99% confidence level (α = 0.005 per tail).

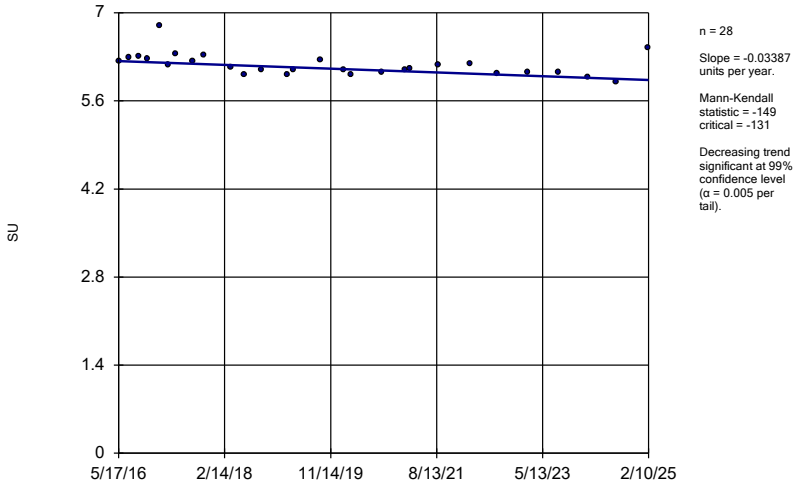
Constituent: pH, Field Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWA-2 (bg)



n = 28

Slope = -0.03387 units per year.

Mann-Kendall statistic = -149
critical = -131

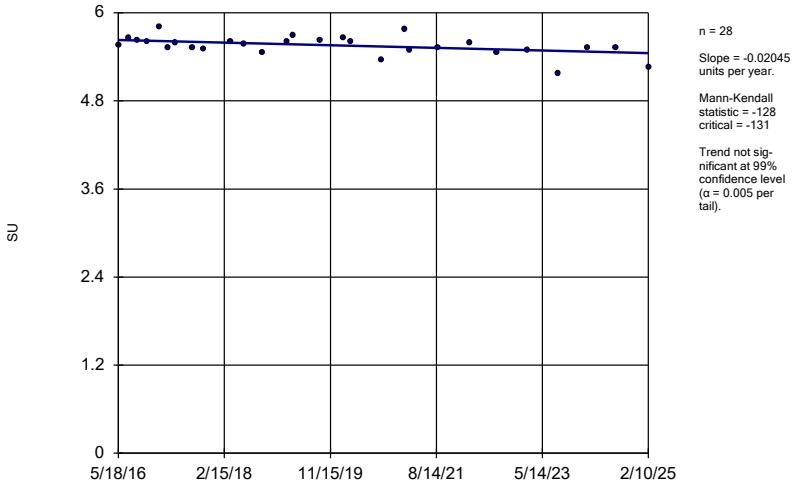
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/11/2025 2:07 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 = 28

Slope = -0.02045 units per year.

Mann-Kendall statistic = -128
critical = -131

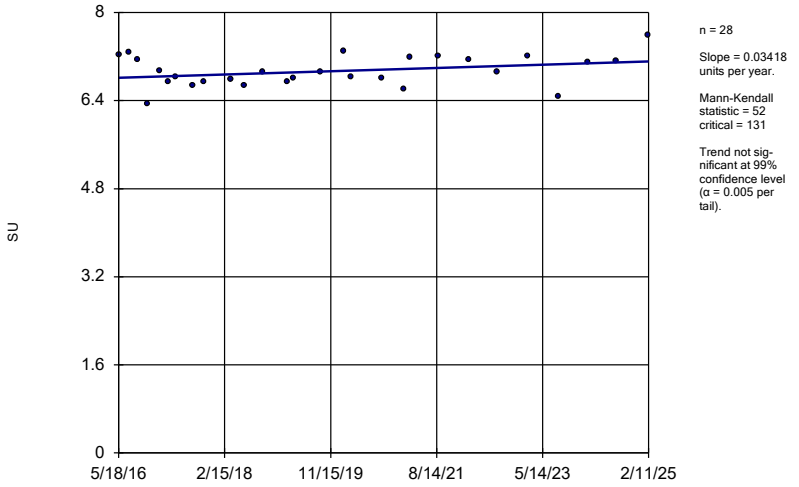
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/11/2025 2:07 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 = 28

Slope = 0.03418 units per year.

Mann-Kendall statistic = 52
critical = 131

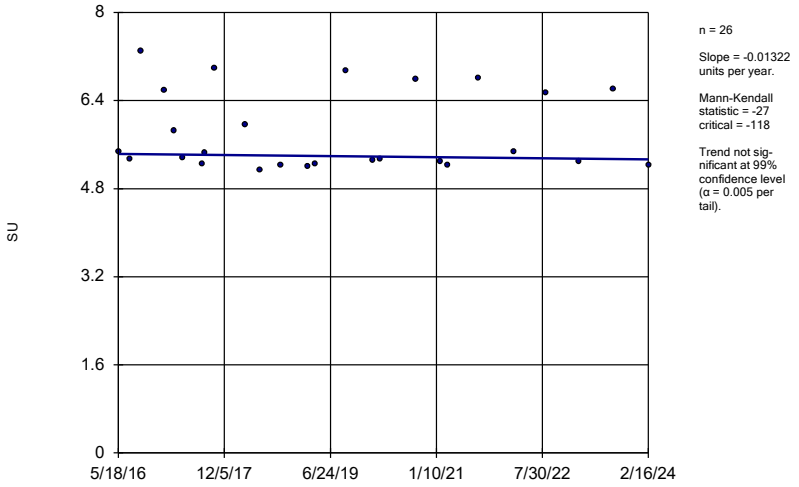
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/11/2025 2:07 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 = 26

Slope = -0.01322 units per year.

Mann-Kendall statistic = -27
critical = -118

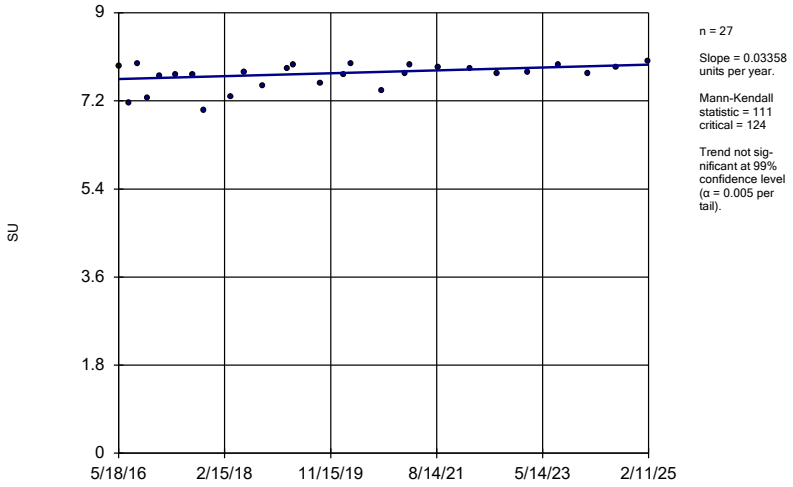
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/11/2025 2:07 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 = 0.03358 units per year.

Mann-Kendall statistic = 111 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

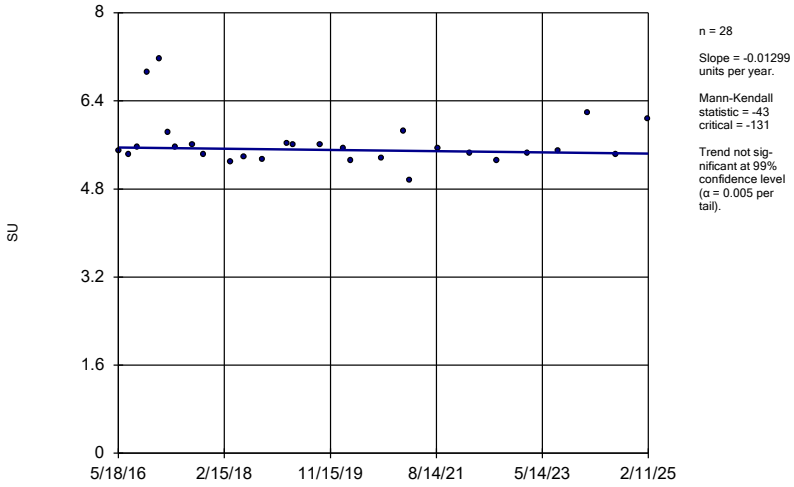
Constituent: pH, Field Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWA-7 (bg)



n = 28

Slope = -0.01299 units per year.

Mann-Kendall statistic = -43 critical = -131

Trend not significant at 99% confidence level (α = 0.005 per tail).

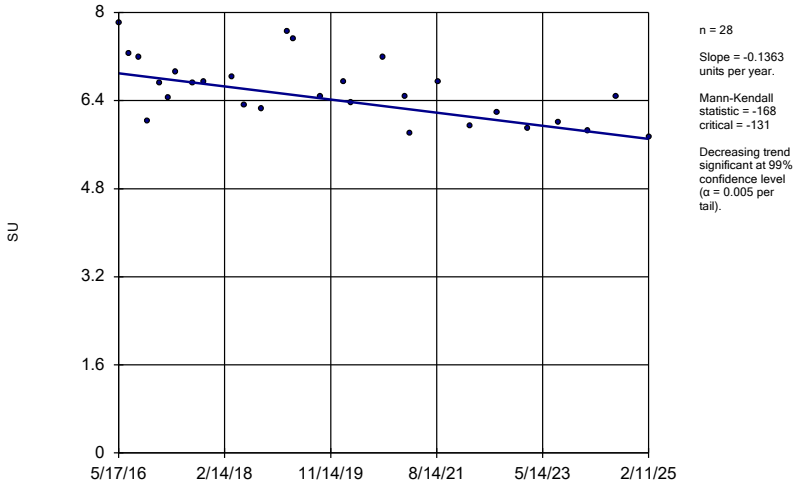
Constituent: pH, Field Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWA-18 (bg)



n = 28

Slope = -0.1363 units per year.

Mann-Kendall statistic = -168 critical = -131

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

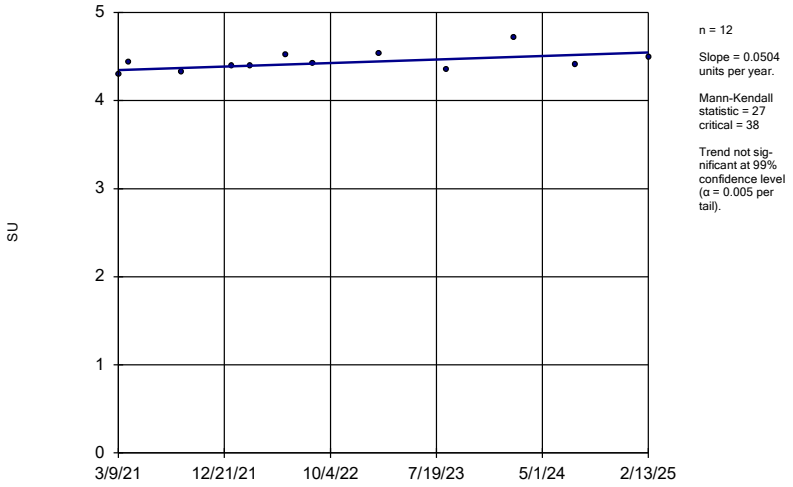
Constituent: pH, Field Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-24



n = 12

Slope = 0.0504 units per year.

Mann-Kendall statistic = 27 critical = 38

Trend not significant at 99% confidence level (α = 0.005 per tail).

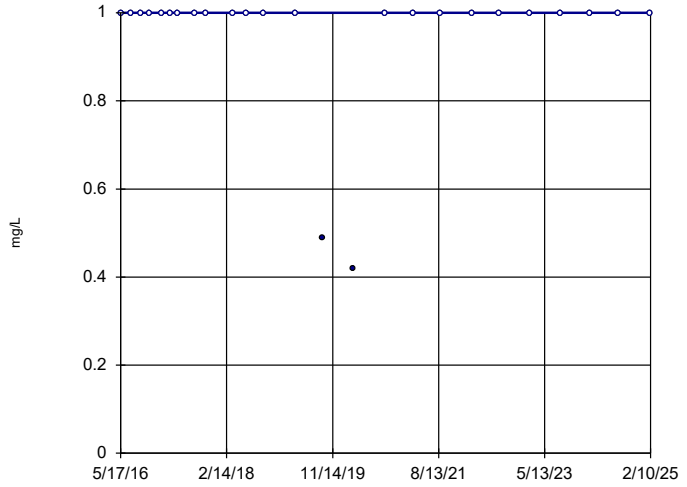
Constituent: pH, Field Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

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 = 25

Slope = 0 units per year.

Mann-Kendall statistic = -7
critical = -111

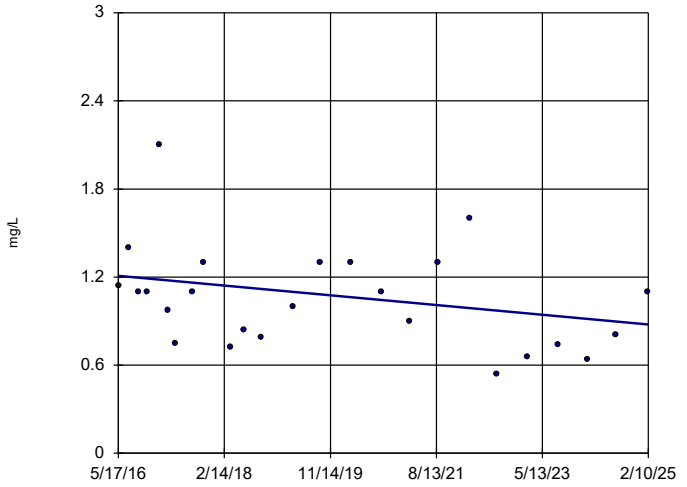
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/11/2025 2:07 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 = 25

Slope = -0.03802 units per year.

Mann-Kendall statistic = -74
critical = -111

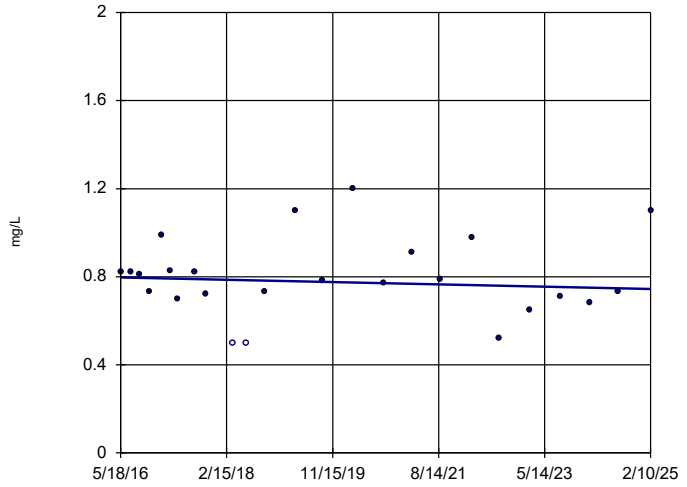
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/11/2025 2:07 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 = 25

Slope = -0.006092 units per year.

Mann-Kendall statistic = -26
critical = -111

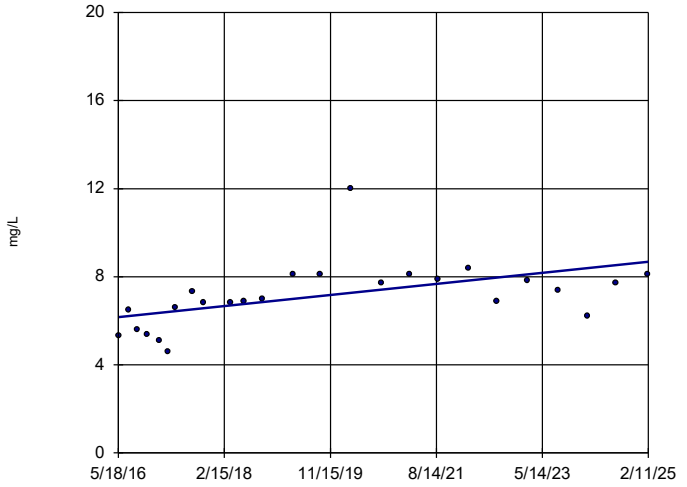
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/11/2025 2:07 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 = 25

Slope = 0.2872 units per year.

Mann-Kendall statistic = 143
critical = 111

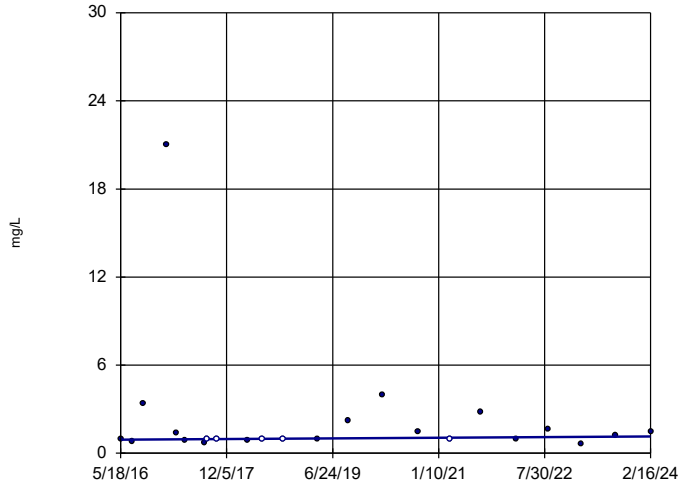
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/11/2025 2:07 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

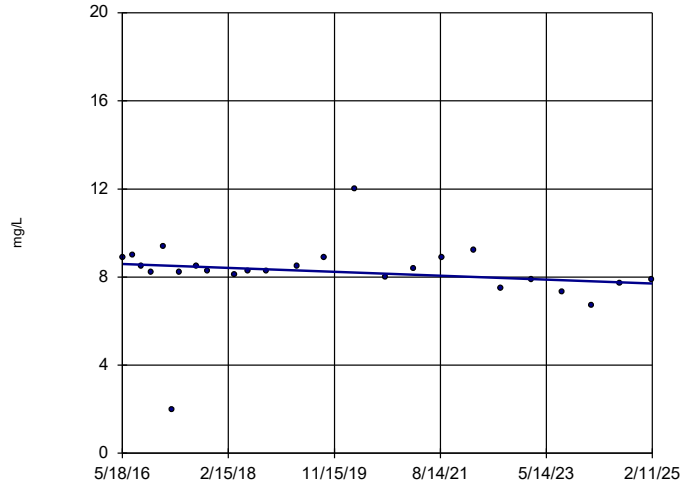
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/11/2025 2:07 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 = 25

Slope = -0.1016 units per year.

Mann-Kendall statistic = -81
critical = -111

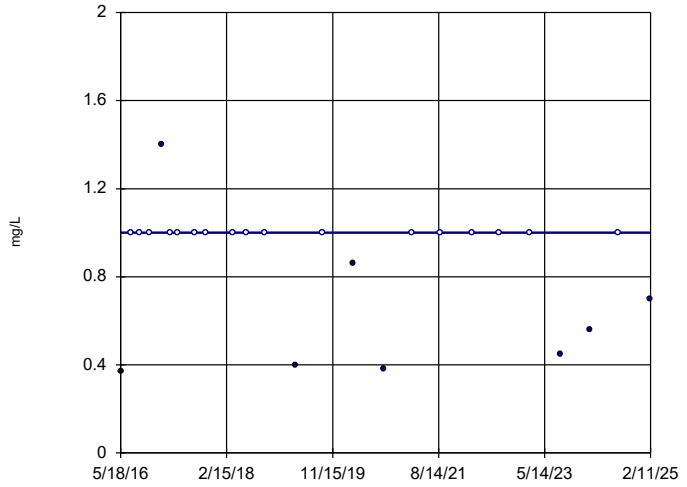
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/11/2025 2:07 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 = 25

Slope = 0 units per year.

Mann-Kendall statistic = -48
critical = -111

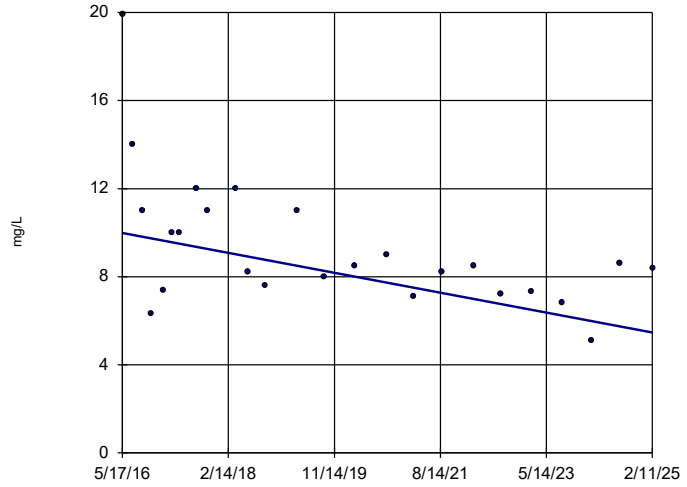
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/11/2025 2:07 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 = 25

Slope = -0.5169 units per year.

Mann-Kendall statistic = -119
critical = -111

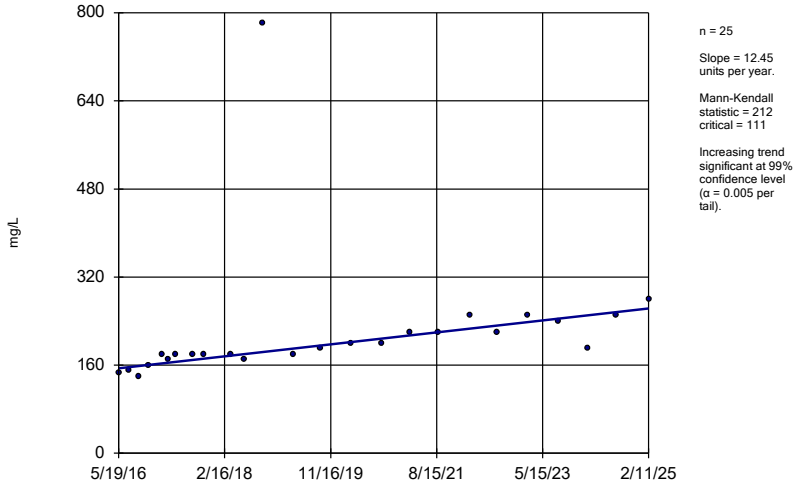
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-8



n = 25

Slope = 12.45 units per year.

Mann-Kendall statistic = 212 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

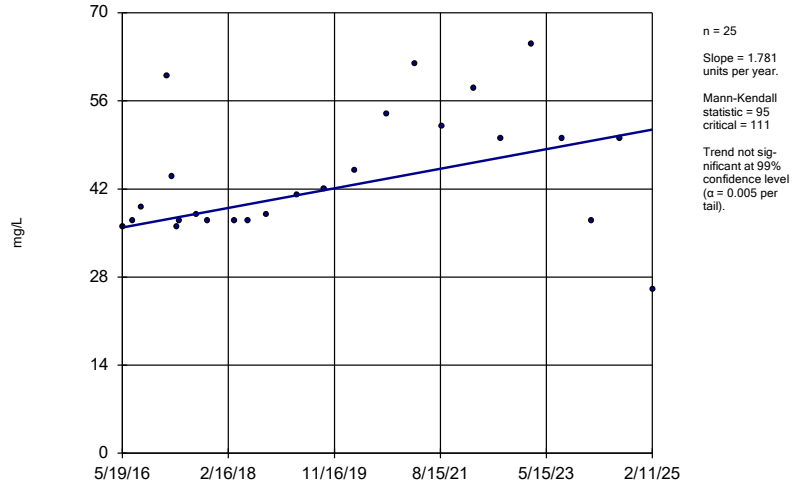
Constituent: Sulfate Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-9



n = 25

Slope = 1.781 units per year.

Mann-Kendall statistic = 95 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

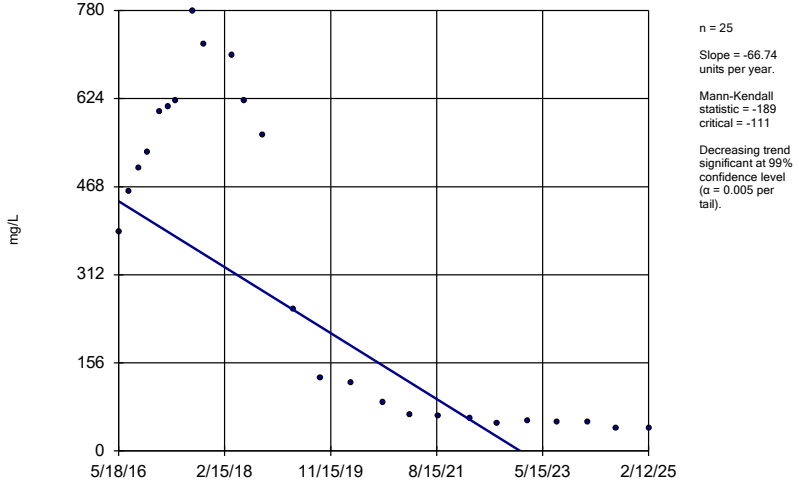
Constituent: Sulfate Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-16



n = 25

Slope = -66.74 units per year.

Mann-Kendall statistic = -189 critical = -111

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

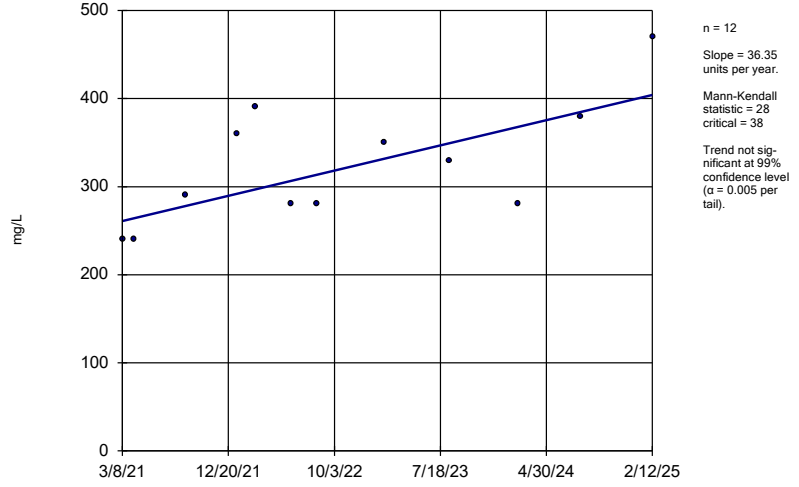
Constituent: Sulfate Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-20



n = 12

Slope = 36.35 units per year.

Mann-Kendall statistic = 28 critical = 38

Trend not significant at 99% confidence level (α = 0.005 per tail).

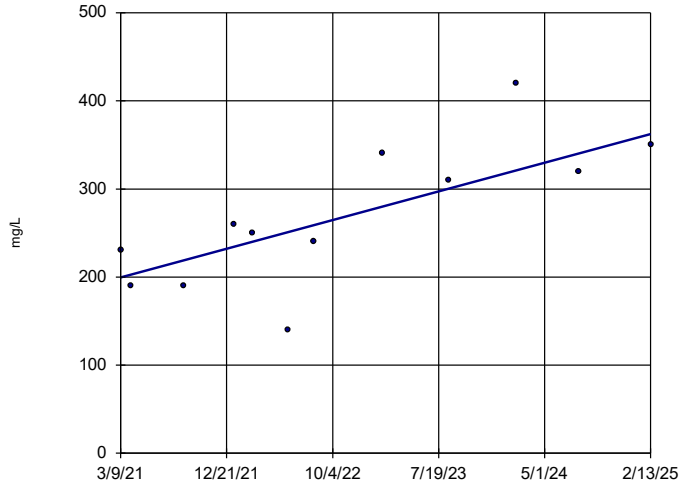
Constituent: Sulfate Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-21



n = 12

Slope = 41.32 units per year.

Mann-Kendall statistic = 37
critical = 38

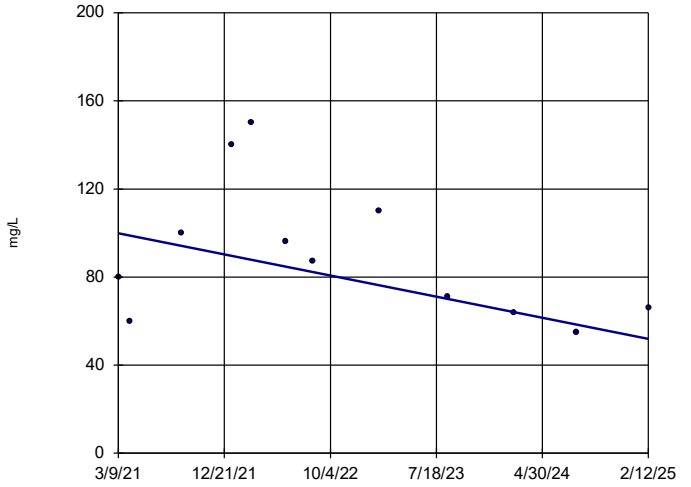
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/11/2025 2:07 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 = 12

Slope = -12.21 units per year.

Mann-Kendall statistic = -20
critical = -38

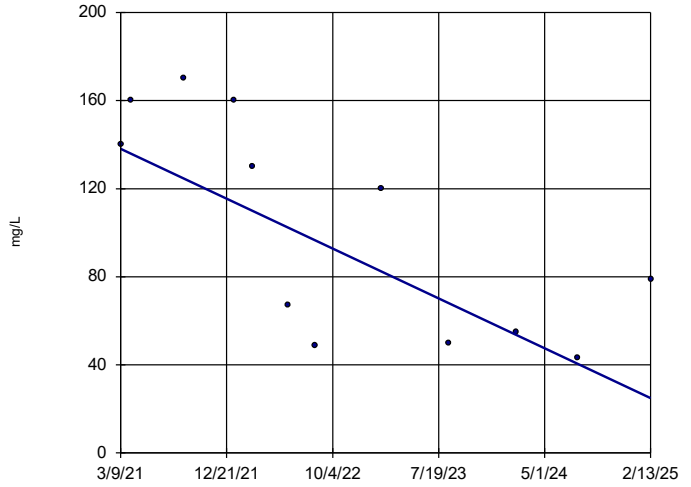
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/11/2025 2:07 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 = 12

Slope = -28.75 units per year.

Mann-Kendall statistic = -37
critical = -38

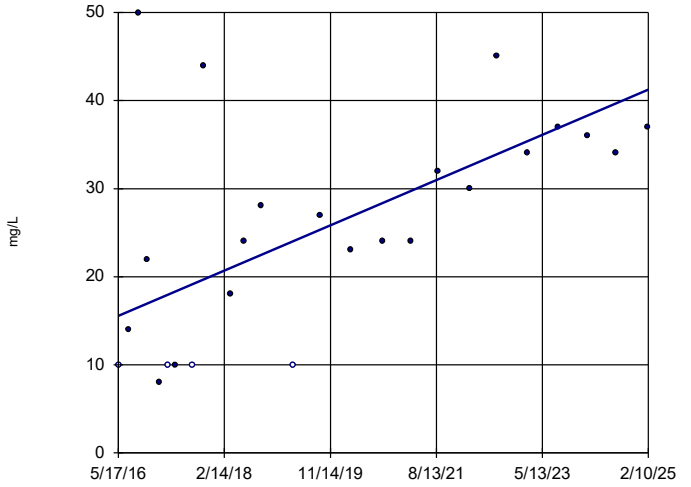
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/11/2025 2:07 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 = 25

Slope = 2.937 units per year.

Mann-Kendall statistic = 147
critical = 111

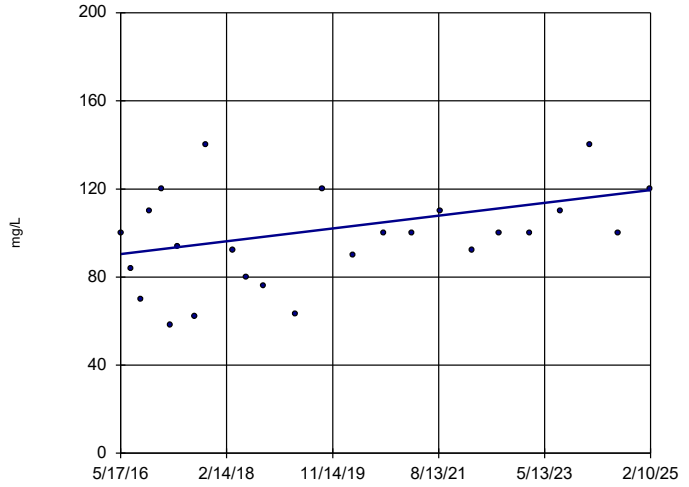
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/11/2025 2:07 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 = 25

Slope = 3.321 units per year.

Mann-Kendall statistic = 83 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

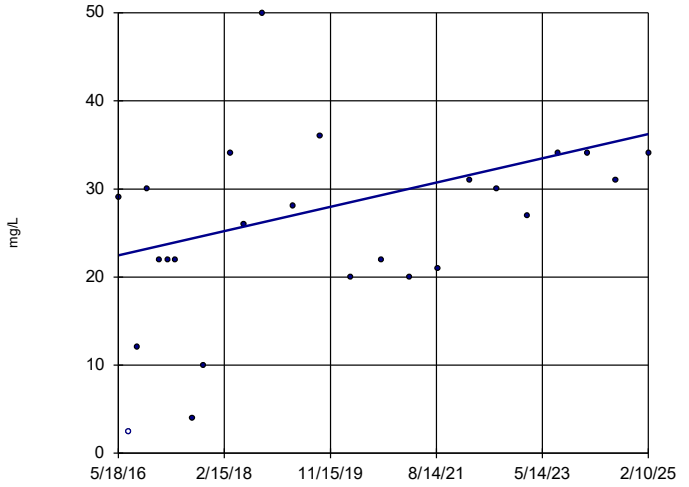
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-3 (bg)



n = 25

Slope = 1.576 units per year.

Mann-Kendall statistic = 99 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

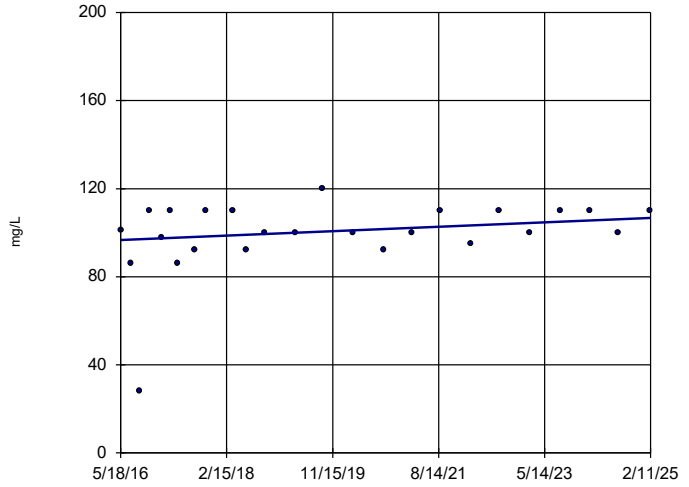
Constituent: TDS Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWA-4 (bg)



n = 25

Slope = 1.154 units per year.

Mann-Kendall statistic = 73 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

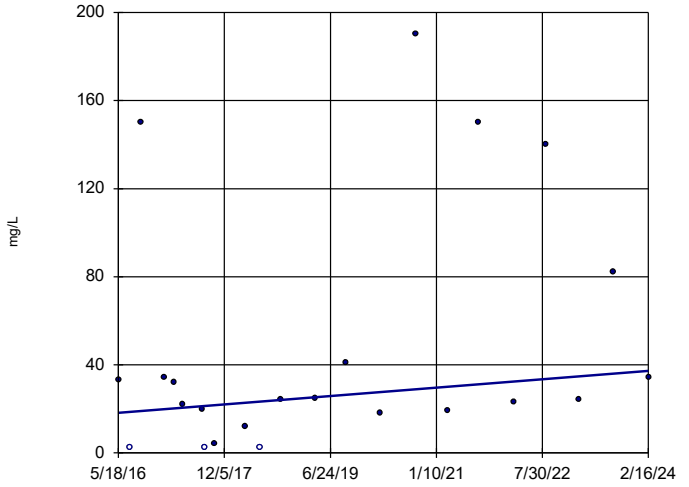
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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).

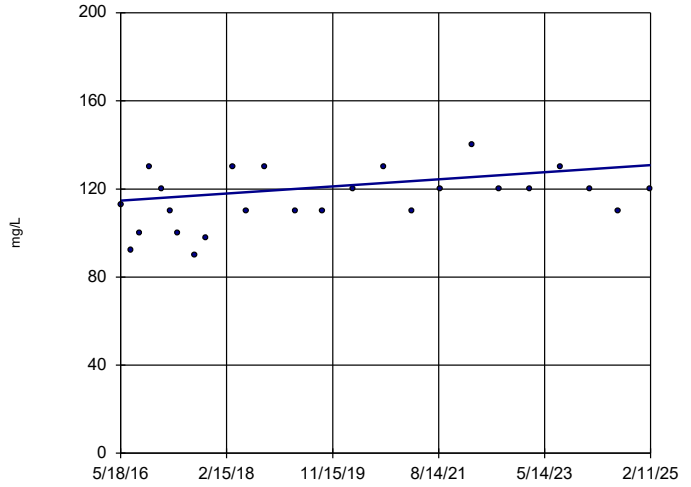
Constituent: TDS Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWA-6 (bg)



n = 25

Slope = 1.835 units per year.

Mann-Kendall statistic = 79
critical = 111

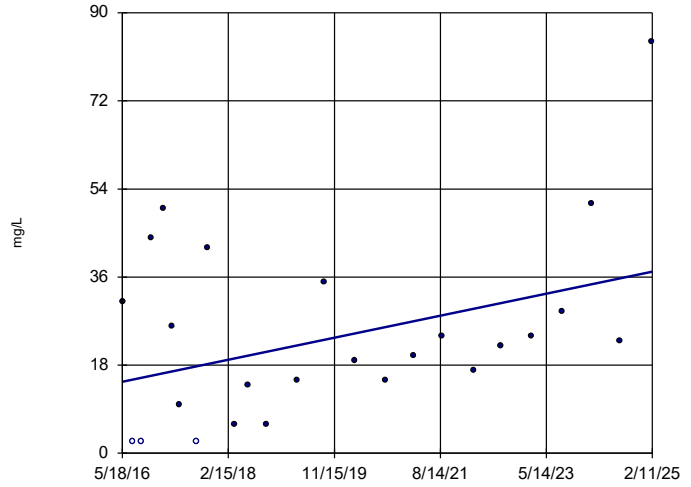
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/11/2025 2:07 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 = 25

Slope = 2.579 units per year.

Mann-Kendall statistic = 86
critical = 111

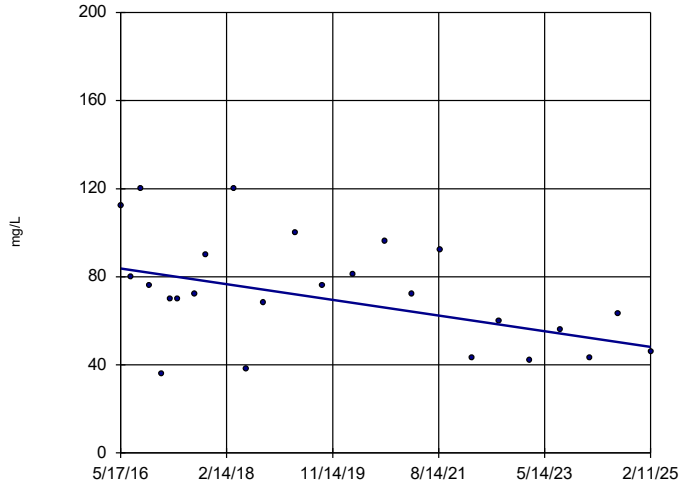
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/11/2025 2:07 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 = 25

Slope = -4.064 units per year.

Mann-Kendall statistic = -91
critical = -111

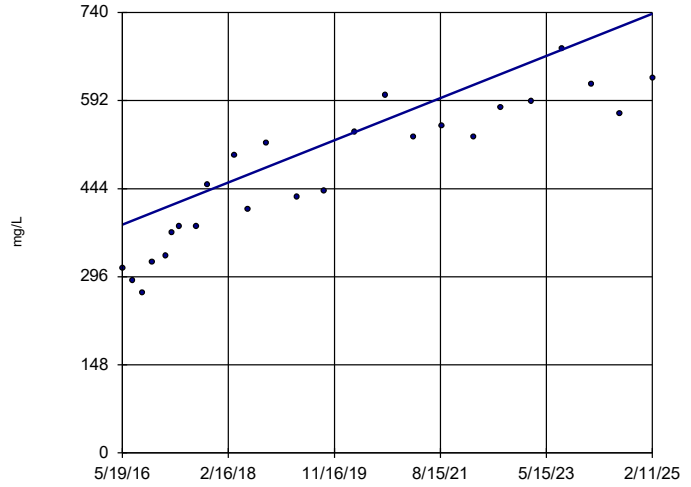
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-8



n = 25

Slope = 40.52 units per year.

Mann-Kendall statistic = 246
critical = 111

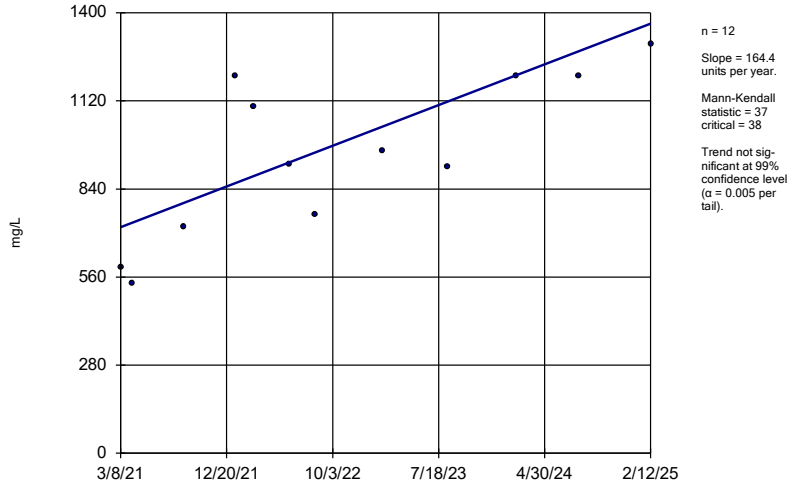
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/11/2025 2:07 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 = 12

Slope = 164.4 units per year.

Mann-Kendall statistic = 37 critical = 38

Trend not significant at 99% confidence level (α = 0.005 per tail).

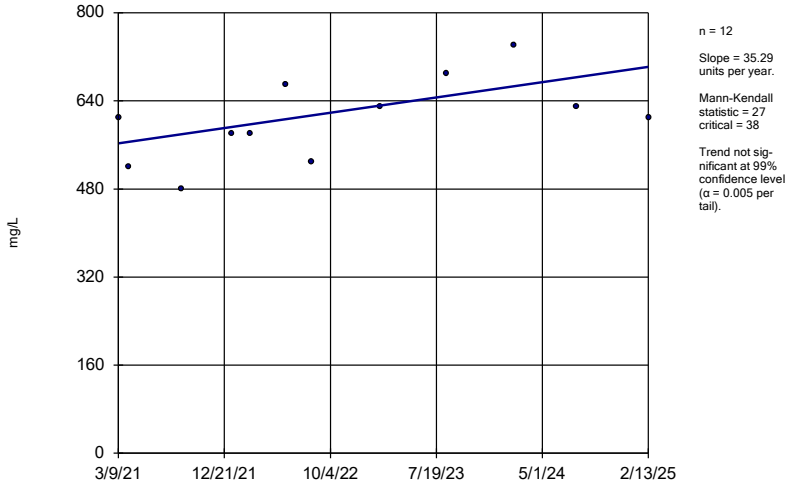
Constituent: TDS Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-21



n = 12

Slope = 35.29 units per year.

Mann-Kendall statistic = 27 critical = 38

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/11/2025 2:07 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

FIGURE F.

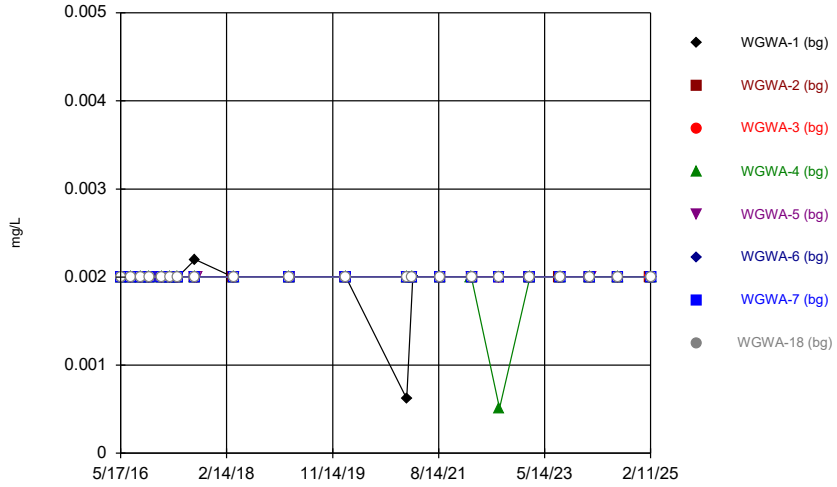
Upper Tolerance Limits Summary Table

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 2:22 PM

Constituent	Upper Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	0.0022	166	n/a	n/a	98.19	n/a	n/a	0.0002005	NP Inter(NDs)
Arsenic (mg/L)	0.0014	214	n/a	n/a	83.18	n/a	n/a	NaN	NP Inter(NDs)
Barium (mg/L)	0.062	214	n/a	n/a	0	n/a	n/a	NaN	NP Inter(normality)
Beryllium (mg/L)	0.0025	214	n/a	n/a	94.86	n/a	n/a	NaN	NP Inter(NDs)
Cadmium (mg/L)	0.0025	198	n/a	n/a	100	n/a	n/a	NaN	NP Inter(NDs)
Chromium (mg/L)	0.0063	213	n/a	n/a	94.37	n/a	n/a	NaN	NP Inter(NDs)
Cobalt (mg/L)	0.0066	212	n/a	n/a	46.7	n/a	n/a	NaN	NP Inter(normality)
Combined Radium 226 + 228 (pCi/L)	13.1	212	n/a	n/a	0	n/a	n/a	NaN	NP Inter(normality)
Fluoride (mg/L)	0.284	222	n/a	n/a	47.75	n/a	n/a	NaN	NP Inter(normality)
Lead (mg/L)	0.0015	198	n/a	n/a	89.9	n/a	n/a	NaN	NP Inter(NDs)
Lithium (mg/L)	0.013	204	n/a	n/a	51.96	n/a	n/a	NaN	NP Inter(NDs)
Mercury (mg/L)	0.0002	182	n/a	n/a	91.76	n/a	n/a	NaN	NP Inter(NDs)
Molybdenum (mg/L)	0.015	213	n/a	n/a	92.02	n/a	n/a	NaN	NP Inter(NDs)
Selenium (mg/L)	0.005	214	n/a	n/a	95.79	n/a	n/a	NaN	NP Inter(NDs)
Thallium (mg/L)	0.001	214	n/a	n/a	93.93	n/a	n/a	NaN	NP Inter(NDs)

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Hollow symbols indicate censored values.

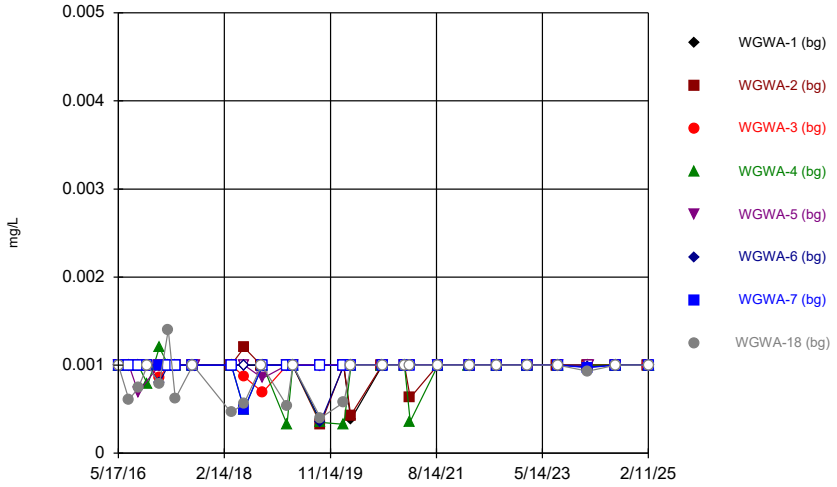
Time Series



Constituent: Antimony Analysis Run 4/11/2025 2:10 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Hollow symbols indicate censored values.

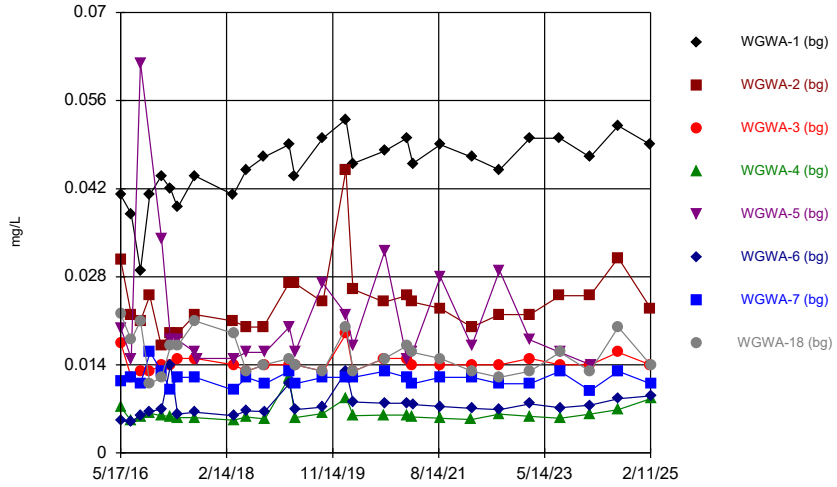
Time Series



Constituent: Arsenic Analysis Run 4/11/2025 2:10 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

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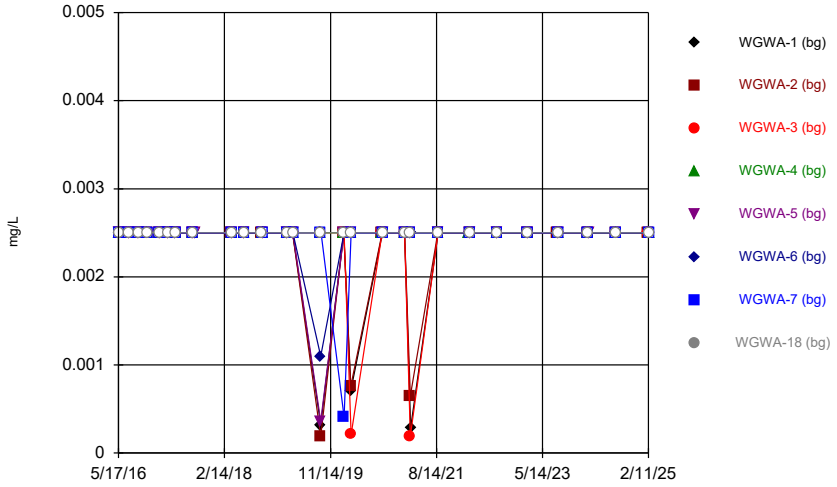
Time Series



Constituent: Barium Analysis Run 4/11/2025 2:10 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

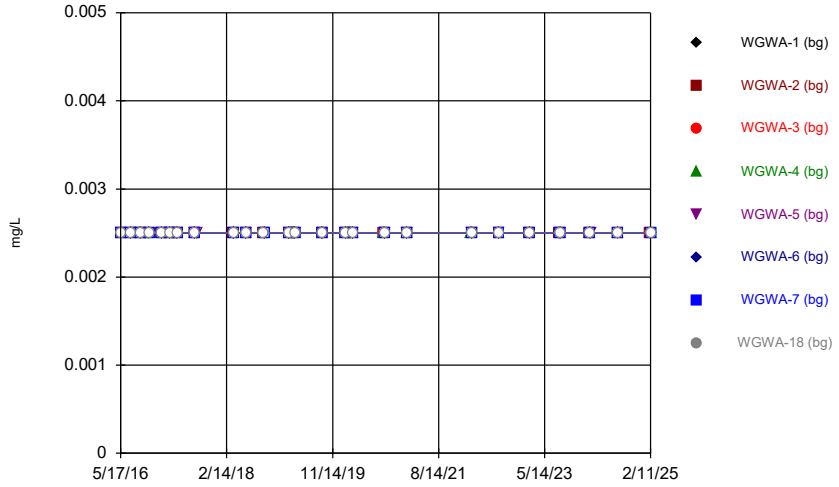
Time Series



Constituent: Beryllium Analysis Run 4/11/2025 2:10 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

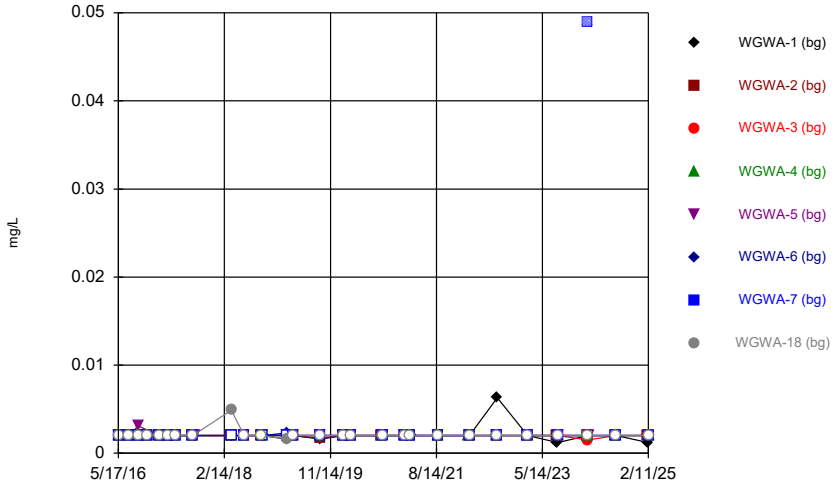
Time Series



Constituent: Cadmium Analysis Run 4/11/2025 2:10 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

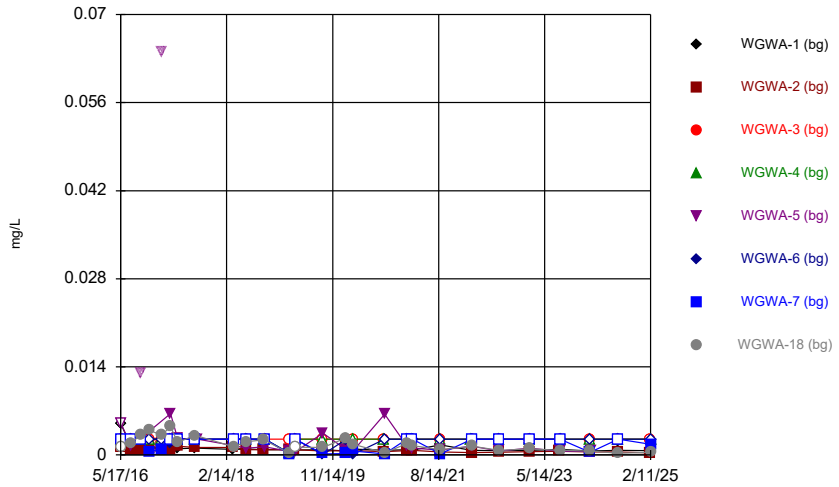
Time Series



Constituent: Chromium Analysis Run 4/11/2025 2:10 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

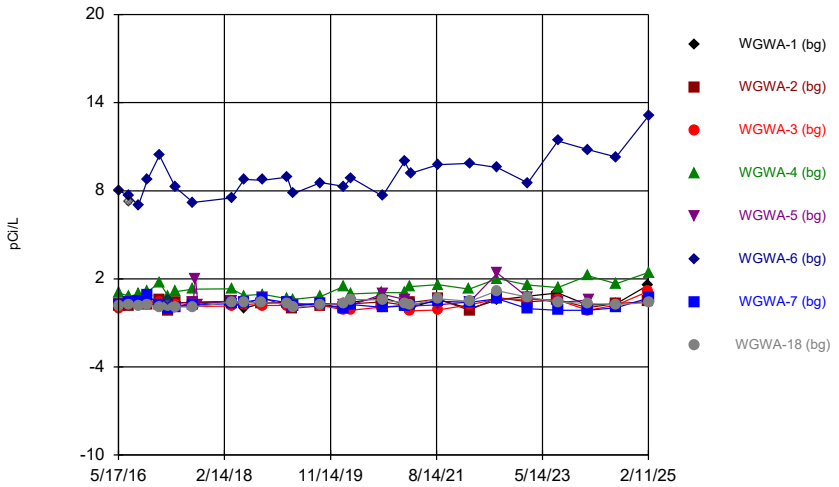
Time Series



Constituent: Cobalt Analysis Run 4/11/2025 2:10 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

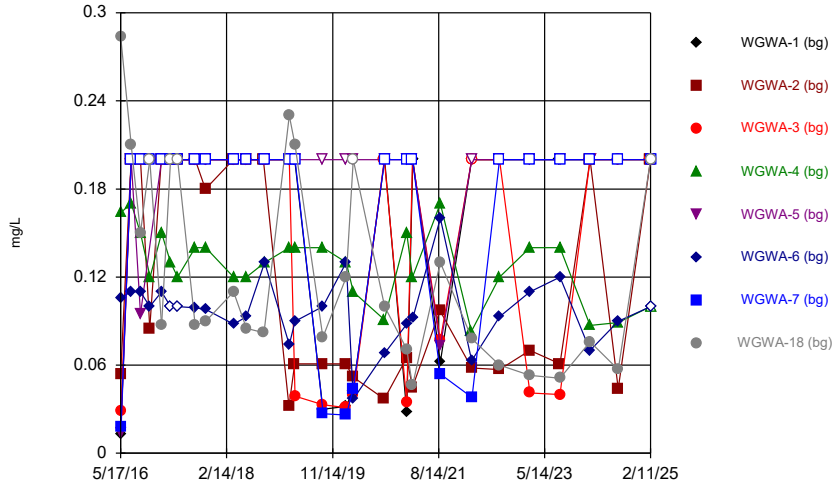
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 4/11/2025 2:10 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

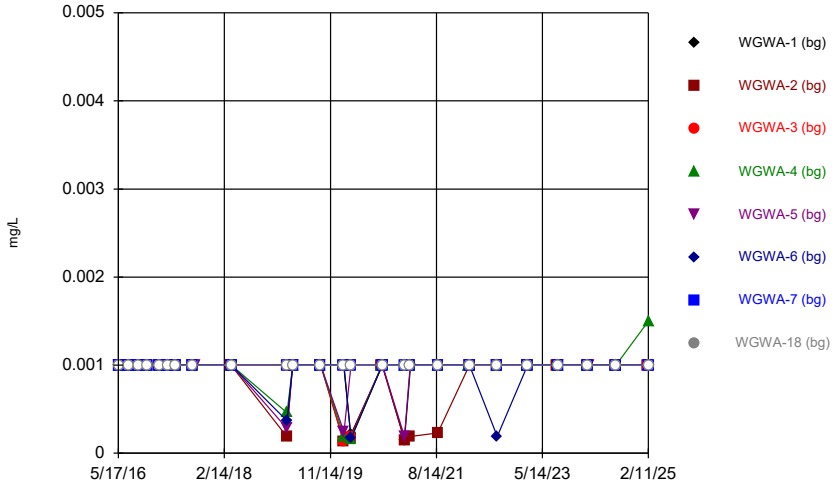
Time Series



Constituent: Fluoride Analysis Run 4/11/2025 2:10 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

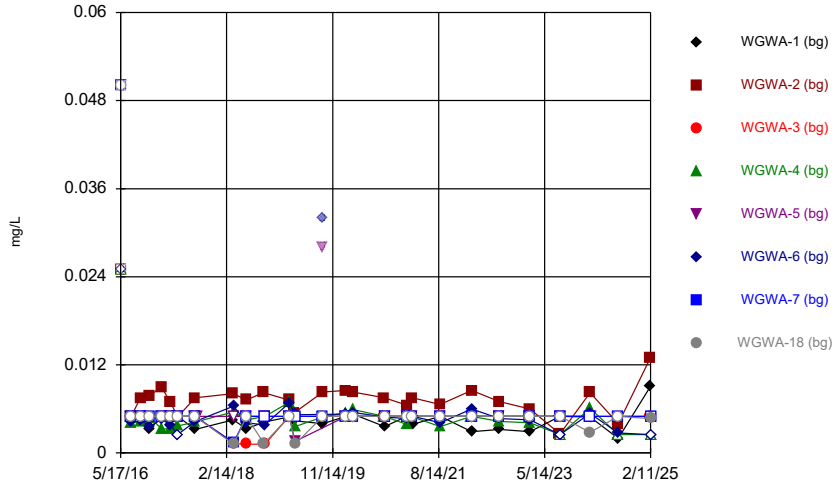
Time Series



Constituent: Lead Analysis Run 4/11/2025 2:10 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

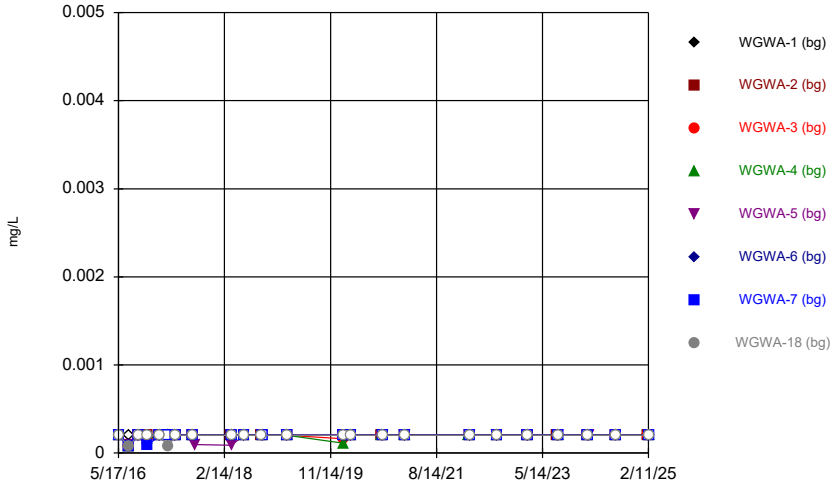
Time Series



Constituent: Lithium Analysis Run 4/11/2025 2:10 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

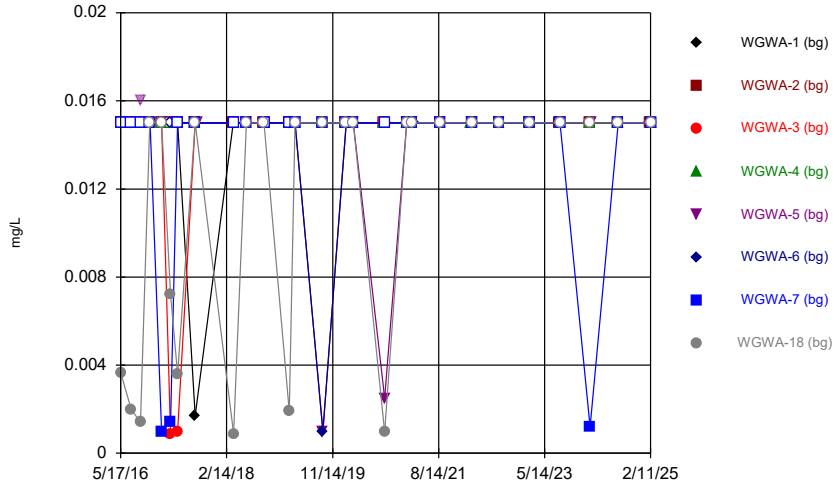
Time Series



Constituent: Mercury Analysis Run 4/11/2025 2:10 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

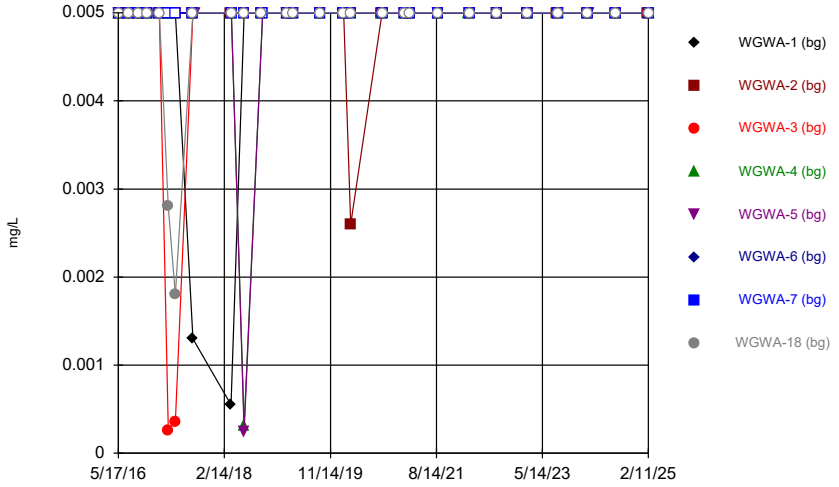
Time Series



Constituent: Molybdenum Analysis Run 4/11/2025 2:10 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

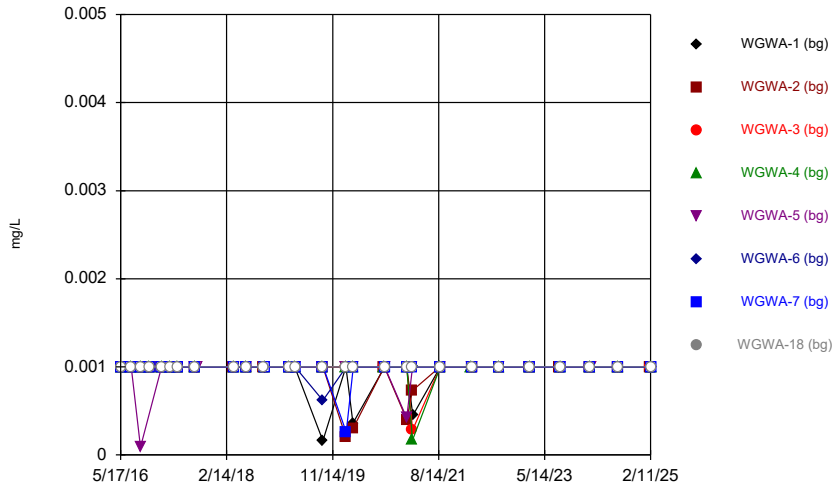
Time Series



Constituent: Selenium Analysis Run 4/11/2025 2:10 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series

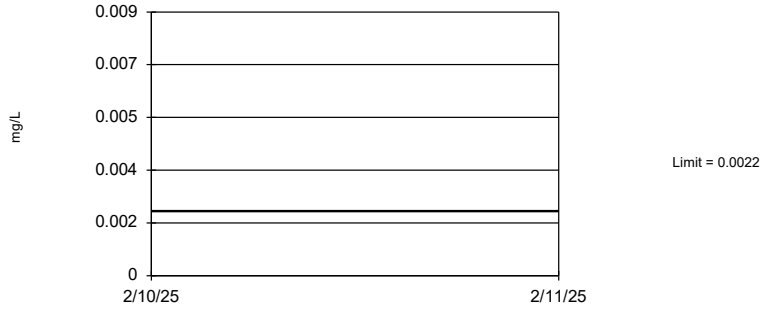


Constituent: Thallium Analysis Run 4/11/2025 2:10 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



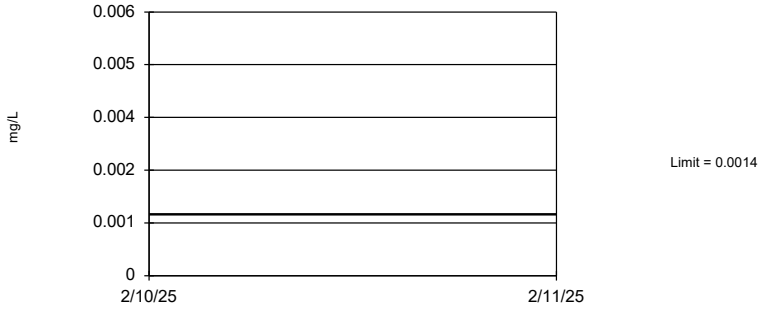
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 166 background values. 98.19% NDs. 97.07% coverage at alpha=0.01; 98.24% coverage at alpha=0.05; 99.41% coverage at alpha=0.5. Report alpha = 0.0002005.

Constituent: Antimony Analysis Run 4/11/2025 2:21 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 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 214 background values. 83.18% 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: Arsenic Analysis Run 4/11/2025 2:21 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



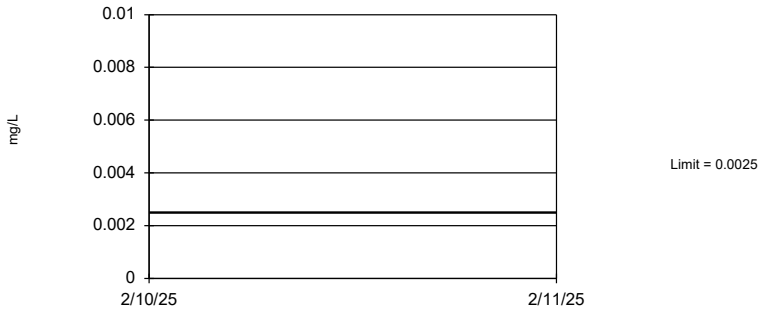
Non-parametric test used in lieu of parametric tolerance limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 214 background values. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Barium Analysis Run 4/11/2025 2:21 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



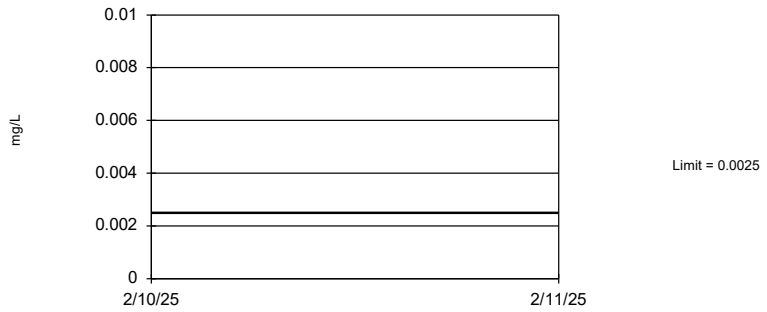
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 214 background values. 94.86% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Beryllium Analysis Run 4/11/2025 2:21 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



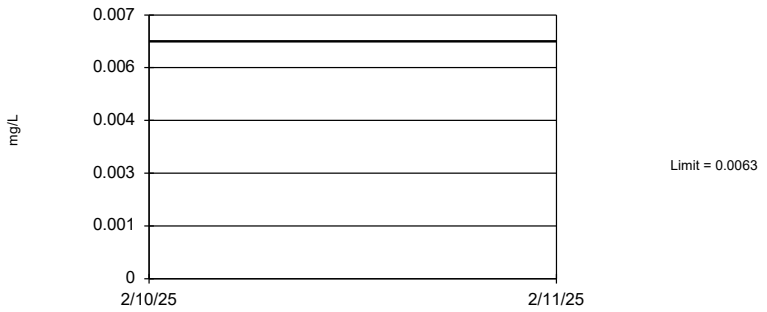
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. All background values were censored; limit is most recent reporting limit. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Cadmium Analysis Run 4/11/2025 2:21 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



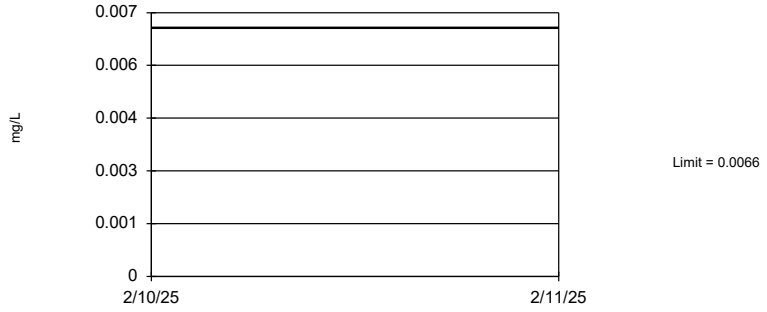
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 213 background values. 94.37% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Chromium Analysis Run 4/11/2025 2:21 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



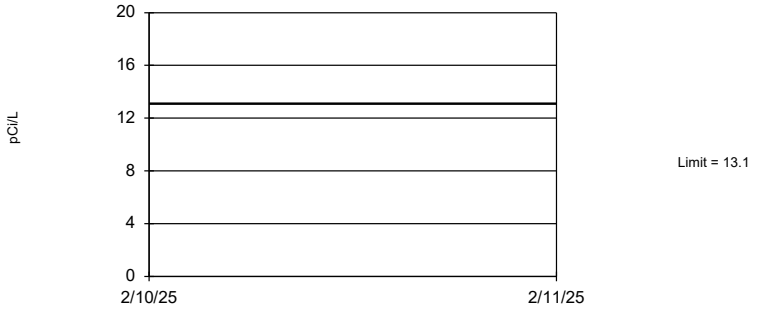
Non-parametric test used in lieu of parametric tolerance limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 212 background values. 46.7% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Cobalt Analysis Run 4/11/2025 2:21 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



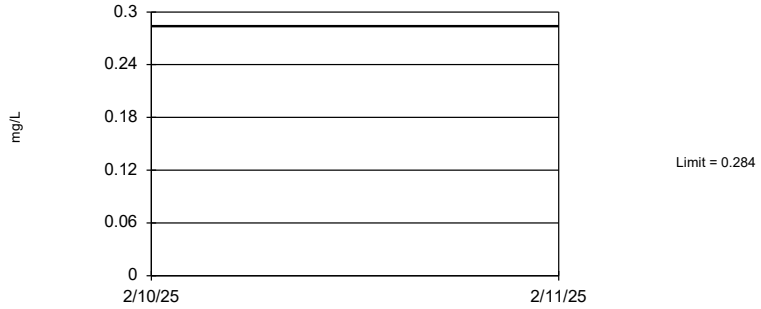
Non-parametric test used in lieu of parametric tolerance limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 212 background values. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Combined Radium 226 + 228 Analysis Run 4/11/2025 2:21 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



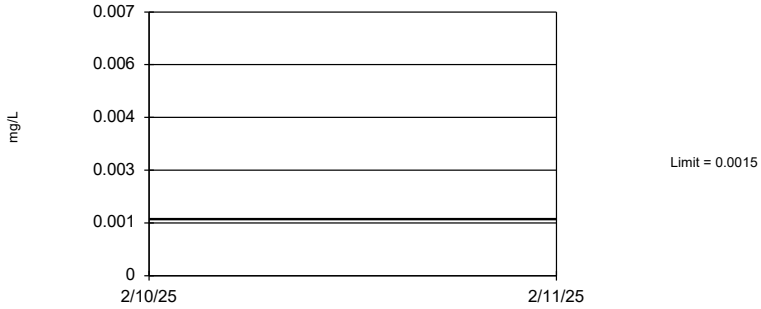
Non-parametric test used in lieu of parametric tolerance limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 222 background values. 47.75% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Fluoride Analysis Run 4/11/2025 2:21 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



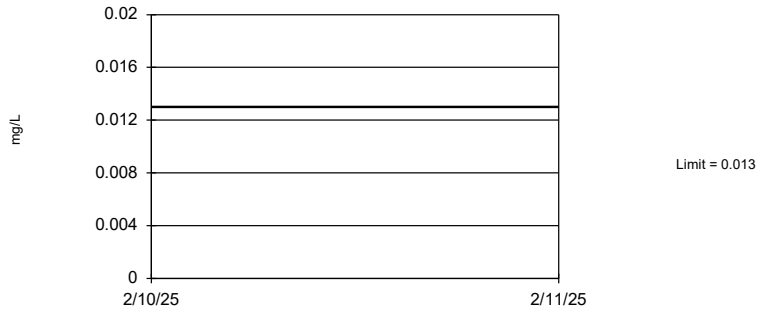
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 198 background values. 89.9% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Lead Analysis Run 4/11/2025 2:21 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 204 background values. 51.96% 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 4/11/2025 2:21 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



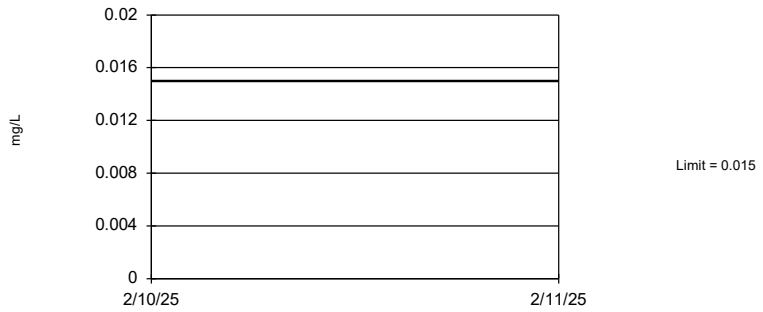
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 182 background values. 91.76% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Mercury Analysis Run 4/11/2025 2:21 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 213 background values. 92.02% 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 4/11/2025 2:21 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 214 background values. 95.79% 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.

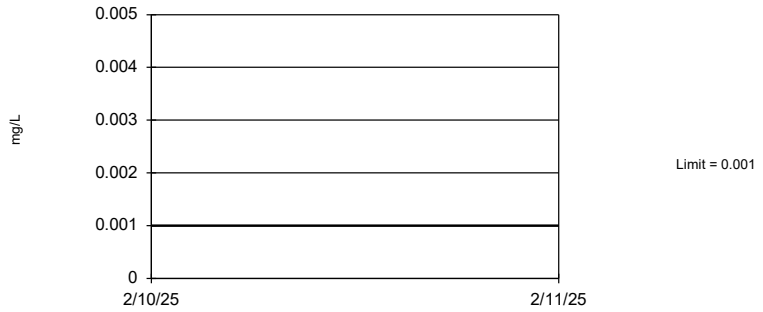
Constituent: Selenium Analysis Run 4/11/2025 2:21 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 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 214 background values. 93.93% 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 4/11/2025 2:21 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

Tolerance Limit

Constituent: Antimony (mg/L) Analysis Run 4/11/2025 2:22 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-3 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-4 (bg)
5/17/2016	<0.002	<0.002	<0.002					
5/18/2016				<0.002	<0.002	<0.002	<0.002	<0.002
7/19/2016	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002	
7/20/2016				<0.002				<0.002
9/13/2016	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002
9/14/2016					<0.002			
11/9/2016	<0.002	<0.002	<0.002			<0.002		
11/10/2016				<0.002			<0.002	<0.002
1/17/2017	<0.002	<0.002						
1/18/2017				<0.002		<0.002	<0.002	<0.002
1/19/2017			<0.002		<0.002			
3/13/2017	<0.002	<0.002						
3/14/2017			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
4/24/2017	<0.002	<0.002						
4/25/2017			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
8/8/2017	0.0022 (J)	<0.002	<0.002	<0.002		<0.002	<0.002	
8/9/2017					<0.002			<0.002
8/25/2017					<0.002			
3/27/2018	<0.002	<0.002						
3/28/2018			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
2/25/2019	<0.002	<0.002						
2/26/2019			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
2/3/2020	<0.002	<0.002						
2/4/2020				<0.002	<0.002	<0.002		<0.002
2/5/2020			<0.002				<0.002	
2/2/2021	0.00062 (J)	<0.002	<0.002	<0.002			<0.002	<0.002
2/3/2021					<0.002	<0.002		
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3/11/2021	<0.002					<0.002		
8/23/2021		<0.002						
8/24/2021	<0.002				<0.002	<0.002	<0.002	<0.002
8/25/2021			<0.002	<0.002				
2/28/2022								<0.002
3/1/2022	<0.002	<0.002		<0.002	<0.002	<0.002		
3/3/2022			<0.002				<0.002	
8/15/2022	<0.002	<0.002			<0.002	<0.002		
8/16/2022			<0.002	<0.002			<0.002	0.00051 (J)
2/14/2023	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	
2/15/2023								<0.002
8/14/2023	<0.002	<0.002						
8/15/2023			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
2/13/2024	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002
2/16/2024					<0.002			
7/30/2024	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002
2/10/2025	<0.002	<0.002		<0.002				
2/11/2025			<0.002			<0.002	<0.002	<0.002

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

Tolerance Limit

Constituent: Arsenic (mg/L) Analysis Run 4/11/2025 2:22 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWA-7 (bg)	WGWA-5 (bg)
5/17/2016	<0.001	<0.001	<0.001					
5/18/2016				<0.001	<0.001	<0.001	<0.001	<0.001
7/19/2016	<0.001	<0.001	0.00061 (J)		<0.001		<0.001	<0.001
7/20/2016				<0.001		<0.001		
9/13/2016	<0.001	<0.001	0.00074 (J)	<0.001	<0.001	<0.001	<0.001	
9/14/2016								0.00069 (J)
11/9/2016	<0.001	<0.001	<0.001		<0.001			
11/10/2016				0.00078 (J)		<0.001	<0.001	
1/17/2017	<0.001	0.00099 (J)						
1/18/2017				0.0012 (J)	0.0008 (J)	0.00086 (J)	0.001 (J)	
1/19/2017			0.00079 (J)					<0.001
3/13/2017	<0.001	<0.001						
3/14/2017			0.0014	<0.001	<0.001	<0.001	<0.001	<0.001
4/24/2017	<0.001	<0.001						
4/25/2017			0.00062 (J)	<0.001	<0.001	<0.001	<0.001	<0.001
8/8/2017	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	
8/9/2017				<0.001				<0.001
8/25/2017								<0.001
3/27/2018	<0.001	<0.001						
3/28/2018			0.00046 (J)	<0.001	<0.001	<0.001	<0.001	<0.001
6/13/2018	0.001 (J)		0.00057 (J)		<0.001			<0.001
6/14/2018		0.0012 (J)		0.0005 (J)		0.00087 (J)	0.0005 (J)	
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		0.00069 (J)	<0.001	0.00085 (J)
2/25/2019	<0.001	<0.001						
2/26/2019			0.00054 (J)	0.00033 (J)	<0.001	<0.001	<0.001	<0.001
4/1/2019	<0.001	<0.001						
4/2/2019			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/16/2019	<0.001				0.00036 (J)			<0.001
9/17/2019		0.00033 (J)	0.0004 (J)	0.00035 (J)				
9/18/2019						<0.001	<0.001	
2/3/2020	<0.001	<0.001						
2/4/2020				0.00033 (J)	<0.001	<0.001		<0.001
2/5/2020			0.00058 (J)				<0.001	
3/16/2020	0.00038 (J)	0.00043 (J)						
3/17/2020			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/21/2020		<0.001		<0.001		<0.001		
9/22/2020	<0.001		<0.001		<0.001		<0.001	<0.001
2/2/2021	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	
2/3/2021					<0.001			<0.001
3/10/2021		0.00063 (J)	<0.001	0.00036 (J)		<0.001	<0.001	<0.001
3/11/2021	<0.001				<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		
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	
8/15/2022	<0.001	<0.001			<0.001			<0.001

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

Tolerance Limit

Constituent: Arsenic (mg/L) Analysis Run 4/11/2025 2:22 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWA-7 (bg)	WGWA-5 (bg)
8/16/2022			<0.001	<0.001		<0.001	<0.001	
2/14/2023	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
2/15/2023				<0.001				
8/14/2023	<0.001	<0.001						
8/15/2023			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/13/2024	<0.001	<0.001	0.00093 (J)	<0.001	0.00098 (J)	<0.001	0.00097 (J)	
2/16/2024								<0.001
7/30/2024	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2/10/2025	<0.001	<0.001				<0.001		
2/11/2025			<0.001	<0.001	<0.001		<0.001	

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

Tolerance Limit

Constituent: Barium (mg/L) Analysis Run 4/11/2025 2:22 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWA-7 (bg)	WGWA-5 (bg)
5/17/2016	0.041	0.0308	0.0221					
5/18/2016				0.00723 (J)	0.00518 (J)	0.0174	0.0114	0.0198
7/19/2016	0.038	0.022	0.018		0.0049		0.012	0.015
7/20/2016				0.0051		0.012		
9/13/2016	0.029	0.021	0.021	0.0058	0.006	0.013	0.011	
9/14/2016								0.062
11/9/2016	0.041	0.025	0.011		0.0066			
11/10/2016				0.0063		0.013	0.016	
1/17/2017	0.044	0.017						
1/18/2017				0.0059	0.007	0.014	0.013	
1/19/2017			0.012					0.034
3/13/2017	0.042	0.019						
3/14/2017			0.017	0.0058	0.014	0.014	0.01	0.018
4/24/2017	0.039	0.019						
4/25/2017			0.017	0.0056	0.0062	0.015	0.012	0.018
8/8/2017	0.044	0.022	0.021		0.0065	0.015	0.012	
8/9/2017				0.0056				0.016
8/25/2017								0.015
3/27/2018	0.041	0.021						
3/28/2018			0.019	0.0052	0.0059	0.014	0.01	0.015
6/13/2018	0.045		0.013		0.0067			0.016
6/14/2018		0.02		0.0057		0.013	0.012	
9/24/2018		0.02						
9/27/2018	0.047							
9/28/2018			0.014					
10/2/2018					0.0066			
10/3/2018				0.0054		0.014	0.011	0.016
2/25/2019	0.049	0.027						
2/26/2019			0.015	0.012	0.011	0.014	0.013	0.02
4/1/2019	0.044	0.027						
4/2/2019			0.014	0.0056	0.0069	0.014	0.011	0.016
9/16/2019	0.05				0.0073 (J)			0.027
9/17/2019		0.024	0.013	0.0063 (J)				
9/18/2019						0.013	0.012	
2/3/2020	0.053	0.045						
2/4/2020				0.0087 (J)	0.013	0.019		0.022
2/5/2020			0.02				0.012	
3/16/2020	0.046	0.026						
3/17/2020			0.013	0.0059 (J)	0.0081 (J)	0.013	0.012	0.017
9/21/2020		0.024		0.006 (J)		0.015		
9/22/2020	0.048		0.015		0.0079 (J)		0.013	0.032
2/2/2021	0.05	0.025	0.017	0.006 (J)		0.015	0.012	
2/3/2021					0.0079 (J)			0.015
3/10/2021		0.024	0.016	0.0057 (J)		0.014	0.011	0.016
3/11/2021	0.046				0.0077 (J)			
8/23/2021		0.023						
8/24/2021	0.049			0.0055 (J)	0.0074 (J)		0.012	0.028
8/25/2021			0.015			0.014		
2/28/2022				0.0053 (J)				
3/1/2022	0.047	0.02			0.0071 (J)	0.014		0.017
3/3/2022			0.013				0.012	
8/15/2022	0.045	0.022			0.0069 (J)			0.029

Tolerance Limit

Constituent: Barium (mg/L) Analysis Run 4/11/2025 2:22 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWA-7 (bg)	WGWA-5 (bg)
8/16/2022			0.012	0.0062 (J)		0.014	0.011	
2/14/2023	0.05	0.022	0.013		0.0078 (J)	0.015	0.011	0.018
2/15/2023				0.0058 (J)				
8/14/2023	0.05	0.025						
8/15/2023			0.016	0.0055 (J)	0.0072 (J)	0.014	0.013	0.016
2/13/2024	0.047	0.025	0.013	0.0062 (J)	0.0076 (J)	0.014	0.0099 (J)	
2/16/2024								0.014
7/30/2024	0.052	0.031	0.02	0.0069 (J)	0.0086 (J)	0.016	0.013	
2/10/2025	0.049	0.023				0.014		
2/11/2025			0.014	0.0086 (J)	0.0091 (J)		0.011	

Tolerance Limit

Constituent: Beryllium (mg/L) Analysis Run 4/11/2025 2:22 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWA-7 (bg)	WGWA-5 (bg)
5/17/2016	<0.0025	<0.0025	<0.0025					
5/18/2016				<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
7/19/2016	<0.0025	<0.0025	<0.0025		<0.0025		<0.0025	<0.0025
7/20/2016				<0.0025		<0.0025		
9/13/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
9/14/2016								<0.0025
11/9/2016	<0.0025	<0.0025	<0.0025		<0.0025			
11/10/2016				<0.0025		<0.0025	<0.0025	
1/17/2017	<0.0025	<0.0025						
1/18/2017				<0.0025	<0.0025	<0.0025	<0.0025	
1/19/2017			<0.0025					<0.0025
3/13/2017	<0.0025	<0.0025						
3/14/2017			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/24/2017	<0.0025	<0.0025						
4/25/2017			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/8/2017	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	
8/9/2017				<0.0025				<0.0025
8/25/2017								<0.0025
3/27/2018	<0.0025	<0.0025						
3/28/2018			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
6/13/2018	<0.0025		<0.0025		<0.0025			<0.0025
6/14/2018		<0.0025		<0.0025		<0.0025	<0.0025	
9/24/2018		<0.0025						
9/27/2018	<0.0025							
9/28/2018			<0.0025					
10/2/2018					<0.0025			
10/3/2018				<0.0025		<0.0025	<0.0025	<0.0025
2/25/2019	<0.0025	<0.0025						
2/26/2019			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/1/2019	<0.0025	<0.0025						
4/2/2019			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/16/2019	0.00032 (J)				0.0011			0.00036 (J)
9/17/2019		0.00019 (J)	<0.0025	<0.0025				
9/18/2019						<0.0025	<0.0025	
2/3/2020	<0.0025	<0.0025						
2/4/2020				<0.0025	<0.0025	<0.0025		<0.0025
2/5/2020			<0.0025				0.00041 (J)	
3/16/2020	0.00071 (J)	0.00076 (J)						
3/17/2020			<0.0025	<0.0025	<0.0025	0.00021 (J)	<0.0025	<0.0025
9/21/2020		<0.0025		<0.0025		<0.0025		
9/22/2020	<0.0025		<0.0025		<0.0025		<0.0025	<0.0025
2/2/2021	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	
2/3/2021					<0.0025			<0.0025
3/10/2021		0.00065 (J)	<0.0025	<0.0025		0.00019 (J)	<0.0025	<0.0025
3/11/2021	0.00029 (J)				<0.0025			
8/23/2021		<0.0025						
8/24/2021	<0.0025			<0.0025	<0.0025		<0.0025	<0.0025
8/25/2021			<0.0025			<0.0025		
2/28/2022				<0.0025				
3/1/2022	<0.0025	<0.0025			<0.0025	<0.0025		<0.0025
3/3/2022			<0.0025				<0.0025	
8/15/2022	<0.0025	<0.0025			<0.0025			<0.0025

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

Tolerance Limit

Constituent: Beryllium (mg/L) Analysis Run 4/11/2025 2:22 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWA-7 (bg)	WGWA-5 (bg)
8/16/2022			<0.0025	<0.0025		<0.0025	<0.0025	
2/14/2023	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025
2/15/2023				<0.0025				
8/14/2023	<0.0025	<0.0025						
8/15/2023			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/13/2024	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
2/16/2024								<0.0025
7/30/2024	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
2/10/2025	<0.0025	<0.0025				<0.0025		
2/11/2025			<0.0025	<0.0025	<0.0025		<0.0025	

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

Tolerance Limit

Constituent: Cadmium (mg/L) Analysis Run 4/11/2025 2:22 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWA-7 (bg)
5/17/2016	<0.0025	<0.0025	<0.0025					
5/18/2016				<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
7/19/2016	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025		<0.0025
7/20/2016				<0.0025			<0.0025	
9/13/2016	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025
9/14/2016					<0.0025			
11/9/2016	<0.0025	<0.0025	<0.0025			<0.0025		
11/10/2016				<0.0025			<0.0025	<0.0025
1/17/2017	<0.0025	<0.0025						
1/18/2017				<0.0025		<0.0025	<0.0025	<0.0025
1/19/2017			<0.0025		<0.0025			
3/13/2017	<0.0025	<0.0025						
3/14/2017			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/24/2017	<0.0025	<0.0025						
4/25/2017			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/8/2017	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025	<0.0025
8/9/2017				<0.0025	<0.0025			
8/25/2017					<0.0025			
3/27/2018	<0.0025	<0.0025						
3/28/2018			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
6/13/2018	<0.0025		<0.0025		<0.0025	<0.0025		
6/14/2018		<0.0025		<0.0025			<0.0025	<0.0025
9/24/2018		<0.0025						
9/27/2018	<0.0025							
9/28/2018			<0.0025					
10/2/2018						<0.0025		
10/3/2018				<0.0025	<0.0025		<0.0025	<0.0025
2/25/2019	<0.0025	<0.0025						
2/26/2019			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/1/2019	<0.0025	<0.0025						
4/2/2019			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/16/2019	<0.0025				<0.0025	<0.0025		
9/17/2019		<0.0025	<0.0025	<0.0025				
9/18/2019							<0.0025	<0.0025
2/3/2020	<0.0025	<0.0025						
2/4/2020				<0.0025	<0.0025	<0.0025	<0.0025	
2/5/2020			<0.0025					<0.0025
3/16/2020	<0.0025	<0.0025						
3/17/2020			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/21/2020		<0.0025		<0.0025			<0.0025	
9/22/2020	<0.0025		<0.0025		<0.0025	<0.0025		<0.0025
2/2/2021	<0.0025	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025
2/3/2021					<0.0025	<0.0025		
2/28/2022				<0.0025				
3/1/2022	<0.0025	<0.0025			<0.0025	<0.0025	<0.0025	
3/3/2022			<0.0025					<0.0025
8/15/2022	<0.0025	<0.0025			<0.0025	<0.0025		
8/16/2022			<0.0025	<0.0025			<0.0025	<0.0025
2/14/2023	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025
2/15/2023				<0.0025				
8/14/2023	<0.0025	<0.0025						
8/15/2023			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

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

Tolerance Limit

Constituent: Cadmium (mg/L) Analysis Run 4/11/2025 2:22 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWA-7 (bg)
2/13/2024	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025
2/16/2024					<0.0025			
7/30/2024	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025
2/10/2025	<0.0025	<0.0025					<0.0025	
2/11/2025			<0.0025	<0.0025		<0.0025		<0.0025

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

Tolerance Limit

Constituent: Chromium (mg/L) Analysis Run 4/11/2025 2:22 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWA-7 (bg)	WGWA-5 (bg)
5/17/2016	<0.002	<0.002	<0.002					
5/18/2016				<0.002	<0.002	<0.002	<0.002	<0.002
7/19/2016	<0.002	<0.002	<0.002		<0.002		<0.002	<0.002
7/20/2016				<0.002		<0.002		
9/13/2016	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	
9/14/2016								0.0031
11/9/2016	<0.002	<0.002	<0.002		<0.002			
11/10/2016				<0.002		<0.002	<0.002	
1/17/2017	<0.002	<0.002						
1/18/2017				<0.002	<0.002	<0.002	<0.002	
1/19/2017			<0.002					<0.002
3/13/2017	<0.002	<0.002						
3/14/2017			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
4/24/2017	<0.002	<0.002						
4/25/2017			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
8/8/2017	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002	
8/9/2017				<0.002				<0.002
8/25/2017								<0.002
3/27/2018	<0.002	<0.002						
3/28/2018			0.0049	<0.002	<0.002	<0.002	<0.002	<0.002
6/13/2018	<0.002		<0.002		<0.002			<0.002
6/14/2018		<0.002		<0.002		<0.002	<0.002	
9/24/2018		<0.002						
9/27/2018	<0.002							
9/28/2018			<0.002					
10/2/2018					<0.002			
10/3/2018				<0.002		<0.002	<0.002	<0.002
2/25/2019	0.0016 (J)	<0.002						
2/26/2019			0.0016 (J)	0.0021 (J)	0.0023 (J)	<0.002	<0.002	<0.002
4/1/2019	<0.002	<0.002						
4/2/2019			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
9/16/2019	0.0016 (J)				<0.002			<0.002
9/17/2019		0.0017 (J)	<0.002	<0.002				
9/18/2019						<0.002	<0.002	
2/3/2020	<0.002	<0.002						
2/4/2020				<0.002	<0.002	<0.002		<0.002
2/5/2020			<0.002				<0.002	
3/16/2020	<0.002	<0.002						
3/17/2020			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
9/21/2020		<0.002		<0.002		<0.002		
9/22/2020	<0.002		<0.002		<0.002		<0.002	<0.002
2/2/2021	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002	
2/3/2021					<0.002			<0.002
3/10/2021		<0.002	<0.002	<0.002		<0.002	<0.002	<0.002
3/11/2021	<0.002				<0.002			
8/23/2021		<0.002						
8/24/2021	<0.002			<0.002	<0.002		<0.002	<0.002
8/25/2021			<0.002			<0.002		
2/28/2022				<0.002				
3/1/2022	<0.002	<0.002			<0.002	<0.002		<0.002
3/3/2022			<0.002				<0.002	
8/15/2022	0.0063	<0.002			<0.002			<0.002

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

Tolerance Limit

Constituent: Chromium (mg/L) Analysis Run 4/11/2025 2:22 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWA-7 (bg)	WGWA-5 (bg)
8/16/2022			<0.002	<0.002		<0.002	<0.002	
2/14/2023	<0.002	<0.002	<0.002		<0.002	<0.002	<0.002	<0.002
2/15/2023				<0.002				
8/14/2023	0.0012 (J)	<0.002						
8/15/2023			<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
2/13/2024	<0.002	<0.002	<0.002	<0.002	<0.002	0.0015 (J)	0.049 (O)	
2/16/2024								<0.002
7/30/2024	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	
2/10/2025	0.0012 (J)	<0.002				<0.002		
2/11/2025			<0.002	<0.002	<0.002		<0.002	

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

Tolerance Limit

Constituent: Cobalt (mg/L) Analysis Run 4/11/2025 2:22 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-7 (bg)	WGWA-6 (bg)	WGWA-3 (bg)
5/17/2016	<0.0025	<0.0025	<0.0025					
5/18/2016				<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
7/19/2016	0.0014 (J)	0.00086 (J)	0.0019 (J)		0.0014 (J)	<0.0025	<0.0025	
7/20/2016				<0.0025				<0.0025
9/13/2016	0.0015 (J)	0.00095 (J)	0.0032	<0.0025		<0.0025	<0.0025	<0.0025
9/14/2016					0.013 (o)			
11/9/2016	0.0012 (J)	0.0011 (J)	0.0039				<0.0025	
11/10/2016				<0.0025		0.00055 (J)		<0.0025
1/17/2017	0.001 (J)	<0.0025						
1/18/2017				<0.0025		0.00097 (J)	<0.0025	<0.0025
1/19/2017			0.0032		0.064 (O)			
3/13/2017	0.0011 (J)	0.00087 (J)						
3/14/2017			0.0045	<0.0025	0.0066	<0.0025	0.0018 (J)	<0.0025
4/24/2017	0.001 (J)	0.0014 (J)						
4/25/2017			0.002 (J)	<0.0025	0.0026	<0.0025	<0.0025	<0.0025
8/8/2017	0.0011 (J)	0.0012 (J)	0.0031			<0.0025	<0.0025	<0.0025
8/9/2017				<0.0025	0.0025			
8/25/2017					0.0025			
3/27/2018	0.00091 (J)	0.0012 (J)						
3/28/2018			0.0013 (J)	<0.0025	0.0015 (J)	<0.0025	<0.0025	<0.0025
6/13/2018	0.00094 (J)		0.0021 (J)		0.0011 (J)		<0.0025	
6/14/2018		0.00085 (J)		<0.0025		<0.0025		<0.0025
9/24/2018		0.00085 (J)						
9/27/2018	0.00085 (J)							
9/28/2018			0.0024 (J)					
10/2/2018							<0.0025	
10/3/2018				<0.0025	0.0013 (J)	<0.0025		<0.0025
2/25/2019	0.00085 (J)	0.00083 (J)						
2/26/2019			0.00026 (J)	0.00029 (J)	0.0006 (J)	0.00017 (J)	0.00031 (J)	<0.0025
4/1/2019	0.00079 (J)	0.00082 (J)						
4/2/2019			<0.0025	<0.0025	0.00046 (J)	<0.0025	<0.0025	<0.0025
9/16/2019	0.00082				0.0035		9.1E-05 (J)	
9/17/2019		0.00063	0.0012	<0.0025				
9/18/2019						0.0002 (J)		<0.0025
2/3/2020	0.00062	0.00068						
2/4/2020				<0.0025	0.00082		<0.0025	<0.0025
2/5/2020			0.0027			0.00021 (J)		
3/16/2020	0.00092 (J)	0.00066 (J)						
3/17/2020			0.0017 (J)	<0.0025	0.00066 (J)	0.00065 (J)	0.00014 (J)	<0.0025
9/21/2020		0.00054 (J)		<0.0025				<0.0025
9/22/2020	0.00072 (J)		0.00033 (J)		0.0065	0.00015 (J)	<0.0025	
2/2/2021	0.00082 (J)	0.00069 (J)	0.0018 (J)	<0.0025		<0.0025		<0.0025
2/3/2021					0.0015 (J)		<0.0025	
3/10/2021		0.00073 (J)	0.0015 (J)	<0.0025	0.0011 (J)	<0.0025		<0.0025
3/11/2021	0.00081 (J)						<0.0025	
8/23/2021		0.00049 (J)						
8/24/2021	0.0016 (J)			<0.0025	0.00079 (J)	0.00017 (J)	<0.0025	
8/25/2021			0.00084 (J)					<0.0025
2/28/2022				<0.0025				
3/1/2022	0.00073 (J)	0.00038 (J)			0.0014 (J)		<0.0025	<0.0025
3/3/2022			0.0014 (J)			<0.0025		
8/15/2022	0.0007 (J)	0.00045 (J)			0.00063 (J)		<0.0025	

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

Tolerance Limit

Constituent: Cobalt (mg/L) Analysis Run 4/11/2025 2:22 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-7 (bg)	WGWA-6 (bg)	WGWA-3 (bg)
8/16/2022			0.00075 (J)	<0.0025		<0.0025		<0.0025
2/14/2023	0.00073 (J)	0.00052 (J)	0.001 (J)		0.0011 (J)	<0.0025	<0.0025	<0.0025
2/15/2023				<0.0025				
8/14/2023	0.00087 (J)	0.0006 (J)						
8/15/2023			0.00075 (J)	<0.0025	0.00059 (J)	<0.0025	<0.0025	<0.0025
2/13/2024	0.00064 (J)	0.00049 (J)	0.00063 (J)	<0.0025		0.00044 (J)	<0.0025	<0.0025
2/16/2024					0.00059 (J)			
7/30/2024	0.00074 (J)	0.00046 (J)	0.00029 (J)	<0.0025		<0.0025	<0.0025	<0.0025
2/10/2025	0.00068 (J)	0.00034 (J)						<0.0025
2/11/2025			0.00043 (J)	<0.0025		0.0017 (J)	<0.0025	

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

Tolerance Limit

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/11/2025 2:22 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-4 (bg)	WGWA-7 (bg)
5/17/2016	0.0525 (U)	0.184 (U)	0.13 (U)					
5/18/2016				0.025 (U)	0.325 (U)	8	1.04	0.268 (U)
7/19/2016	7.25 (O)	0.27 (U)	0.121 (U)		0.433 (U)	7.69		0.369 (U)
7/20/2016				0.398 (U)			0.812	
9/13/2016	0.592 (U)	0.194 (U)	0.372 (U)	0.215 (U)		6.98	0.958	0.527 (U)
11/9/2016	0.221 (U)	0.219 (U)	0.217 (U)			8.78		
11/10/2016				0.421			1.13	0.871
1/17/2017	0.295 (U)		0.595					
1/18/2017				0.434 (U)		10.4	1.76	0.213 (U)
1/19/2017		0.0745 (U)			0.216 (U)			
3/13/2017	-0.13 (U)		-0.147 (U)					
3/14/2017		0.194 (U)		0.167 (U)	0.119 (U)	0.589 (O)	0.788	0.0192 (U)
4/24/2017	0.36 (U)		0.367					
4/25/2017		0.109 (U)		0.224 (U)	0.105 (U)	8.22	1.13	0.0872 (U)
8/8/2017	0.382	0.0842 (U)	0.402	0.127 (U)		7.21		0.219 (U)
8/9/2017					0.385 (U)		1.31	
8/25/2017					2.02			
9/6/2017					0.275 (U)			
3/27/2018	0.475		0.453					
3/28/2018		0.424		0.15 (U)	0.492	7.52	1.32	0.315 (U)
6/13/2018	-0.0181 (U)	0.401			0.275 (U)	8.77		
6/14/2018			0.402	0.258 (U)			0.857	0.41
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)	0.72		0.943	0.65
2/25/2019	0.394		0.44					
2/26/2019		0.307 (U)		0.179 (U)	0.113 (U)	8.93	0.65	0.395
4/1/2019	0.169 (U)		-0.00216 (U)					
4/2/2019		0.0436 (U)		0.361	0.255 (U)	7.8	0.602	0.182 (U)
9/16/2019	0.31 (U)				0.318 (U)	8.55		
9/17/2019		0.263 (U)	0.165 (U)				0.788	
9/18/2019				0.189 (U)				0.299 (U)
2/3/2020	0.283 (U)		0.0879 (U)					
2/4/2020				-0.107 (U)	0.198 (U)	8.3	1.49	
2/5/2020		0.327 (U)						-0.0263 (U)
3/16/2020	0.394 (U)		0.289 (U)					
3/17/2020		0.6 (U)		-0.139 (U)	0.207 (U)	8.88	0.964	0.258 (U)
9/21/2020			0.418 (U)	0.0688 (U)			1.07	
9/22/2020	0.729	0.557 (U)			0.954	7.65		0.0523 (U)
2/2/2021	0.243 (U)	0.354 (U)	0.202 (U)	0.182 (U)			1.05	0.167 (U)
2/3/2021					0.592 (U)	9.99		
3/10/2021		0.218 (U)	0.378 (U)	-0.177 (U)	0.144 (U)		1.47	0.224 (U)
3/11/2021	0.046 (U)					9.2		
8/23/2021			0.632					
8/24/2021	0.598				0.226 (U)	9.78	1.61	0.465 (U)
8/25/2021		0.645		-0.121 (U)				
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		0.474						0.415
8/15/2022	0.559		0.725		2.38	9.58		

Tolerance Limit

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/11/2025 2:22 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-4 (bg)	WGWA-7 (bg)
8/16/2022		1.18		0.628			2.02	0.653
2/14/2023	0.827	0.753	0.421 (U)	0.605	0.741	8.54		-0.0224 (U)
2/15/2023							1.59	
8/14/2023	1.04		0.585 (U)					
8/15/2023		0.426 (U)		0.569 (U)	0.391 (U)	11.4	1.4	-0.139 (U)
2/13/2024	0.208 (U)	0.309 (U)	0.0248 (U)	-0.146 (U)		10.8	2.21	-0.137 (U)
2/16/2024					0.558 (U)			
7/30/2024	0.298 (U)	0.251 (U)	0.327 (U)	0.203 (U)		10.3	1.68	0.031 (U)
2/10/2025	1.59		0.453 (U)	1.15				
2/11/2025		0.383 (U)				13.1	2.44	0.699

Tolerance Limit

Constituent: Fluoride (mg/L) Analysis Run 4/11/2025 2:22 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWA-7 (bg)	WGWA-5 (bg)
5/17/2016	0.0131 (J)	0.0538 (J)	0.284 (J)					
5/18/2016				0.164 (J)	0.106 (J)	0.029 (J)	0.018 (J)	0.014 (J)
7/19/2016	<0.2	<0.2	0.21		0.11 (J)		<0.2	<0.2
7/20/2016				0.17 (J)		<0.2		
9/13/2016	<0.2	<0.2	0.15 (J)	0.15 (J)	0.11 (J)	<0.2	<0.2	
9/14/2016								0.095 (J)
11/9/2016	<0.2	0.085 (J)	<0.2		0.1 (J)			
11/10/2016				0.12 (J)		<0.2	<0.2	
1/17/2017	<0.2	<0.2						
1/18/2017				0.15 (J)	0.11 (J)	<0.2	<0.2	
1/19/2017			0.087 (J)					<0.2
3/13/2017	<0.2	<0.2						
3/14/2017			<0.2	0.13 (J)	<0.2	<0.2	<0.2	<0.2
4/24/2017	<0.2	<0.2						
4/25/2017			<0.2	0.12 (J)	<0.2	<0.2	<0.2	<0.2
8/8/2017	<0.2	<0.2	0.087 (J)		0.099 (J)	<0.2	<0.2	
8/9/2017				0.14 (J)				<0.2
8/25/2017								<0.2
10/10/2017	<0.2	0.18 (J)						
10/11/2017			0.09 (J)	0.14 (J)	0.098 (J)	<0.2	<0.2	<0.2
3/27/2018	<0.2	<0.2						
3/28/2018			0.11 (J)	0.12 (J)	0.088 (J)	<0.2	<0.2	<0.2
6/13/2018	<0.2		0.085 (J)		0.093 (J)			<0.2
6/14/2018		<0.2		0.12 (J)		<0.2	<0.2	
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				0.13 (J)		<0.2	<0.2	<0.2
2/25/2019	<0.2	0.032 (J)						
2/26/2019			0.23	0.14 (J)	0.074 (J)	<0.2	<0.2	<0.2
4/1/2019	<0.2	0.061 (J)						
4/2/2019			0.21	0.14 (J)	0.09 (J)	0.039 (J)	<0.2	<0.2
9/16/2019	0.03 (J)				0.1 (J)			<0.2
9/17/2019		0.061 (J)	0.079 (J)	0.14 (J)				
9/18/2019						0.033 (J)	0.027 (J)	
2/3/2020	0.032 (J)	0.061 (J)						
2/4/2020				0.13	0.13	0.031 (J)		<0.2
2/5/2020			0.12				0.026 (J)	
3/16/2020	0.042 (J)	0.052 (J)						
3/17/2020			<0.2	0.11	0.037 (J)	0.04 (J)	0.044 (J)	<0.2
9/21/2020		0.037 (J)		0.091 (J)		<0.2		
9/22/2020	<0.2		0.1		0.068 (J)		<0.2	<0.2
2/2/2021	0.028 (J)	0.065 (J)	0.071 (J)	0.15		0.035 (J)	<0.2	
2/3/2021					0.088 (J)			<0.2
3/10/2021		0.045 (J)	0.046 (J)	0.12		<0.2	<0.2	<0.2
3/11/2021	<0.2				0.092 (J)			
8/23/2021		0.097 (J)						
8/24/2021	0.062 (J)			0.17	0.16		0.054 (J)	0.073 (J)
8/25/2021			0.13			0.077 (J)		
2/28/2022				0.083 (J)				
3/1/2022	<0.2	0.058 (J)			0.063 (J)	<0.2		<0.2

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

Tolerance Limit

Constituent: Fluoride (mg/L) Analysis Run 4/11/2025 2:22 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWA-7 (bg)	WGWA-5 (bg)
3/3/2022			0.078 (J)				0.038 (J)	
8/15/2022	<0.2	0.057 (J)			0.093 (J)			<0.2
8/16/2022			0.06 (J)	0.12		<0.2	<0.2	
2/14/2023	<0.2	0.07 (J)	0.053 (J)		0.11	0.041 (J)	<0.2	<0.2
2/15/2023				0.14				
8/14/2023	<0.2	0.061 (J)						
8/15/2023			0.051 (J)	0.14	0.12	0.04 (J)	<0.2	<0.2
2/13/2024	<0.2	<0.2	0.076 (J)	0.087 (J)	0.07 (J)	<0.2	<0.2	
2/16/2024								<0.2
7/30/2024	<0.2	0.044 (J)	0.057 (J)	0.089 (J)	0.09 (J)	<0.2	<0.2	
2/10/2025	<0.2	<0.2				<0.2		
2/11/2025			<0.2	<0.2	<0.2		<0.2	

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

Tolerance Limit

Constituent: Lead (mg/L) Analysis Run 4/11/2025 2:22 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWA-7 (bg)	WGWA-5 (bg)
5/17/2016	<0.001	<0.001	<0.001					
5/18/2016				<0.001	<0.001	<0.001	<0.001	<0.001
7/19/2016	<0.001	<0.001	<0.001		<0.001		<0.001	<0.001
7/20/2016				<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
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
3/13/2017	<0.001	<0.001						
3/14/2017			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/24/2017	<0.001	<0.001						
4/25/2017			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/8/2017	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	
8/9/2017				<0.001				<0.001
8/25/2017								<0.001
3/27/2018	<0.001	<0.001						
3/28/2018			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/25/2019	<0.001	0.00019 (J)						
2/26/2019			<0.001	0.00046 (J)	0.00037 (J)	<0.001	<0.001	0.00028 (J)
4/1/2019	<0.001	<0.001						
4/2/2019			<0.001	<0.001	<0.001	<0.001	<0.001	<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	
2/3/2020	<0.001	0.00013 (J)						
2/4/2020				0.00019 (J)	<0.001	0.00013 (J)		0.00024 (J)
2/5/2020			<0.001				<0.001	
3/16/2020	0.00021 (J)	0.00018 (J)						
3/17/2020			<0.001	0.00016 (J)	0.00017 (J)	0.00019 (J)	<0.001	<0.001
9/21/2020		<0.001		<0.001		<0.001		
9/22/2020	<0.001		<0.001		<0.001		<0.001	<0.001
2/2/2021	0.00015 (J)	0.00015 (J)	<0.001	<0.001		<0.001	<0.001	
2/3/2021					<0.001			0.00019 (J)
3/10/2021		0.00019 (J)	<0.001	<0.001		<0.001	<0.001	<0.001
3/11/2021	<0.001				<0.001			
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		
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	
8/15/2022	<0.001	<0.001			0.00019 (J)			<0.001
8/16/2022			<0.001	<0.001		<0.001	<0.001	
2/14/2023	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
2/15/2023				<0.001				
8/14/2023	<0.001	<0.001						
8/15/2023			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/13/2024	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2/16/2024								<0.001

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

Tolerance Limit

Constituent: Lead (mg/L) Analysis Run 4/11/2025 2:22 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWA-7 (bg)	WGWA-5 (bg)
7/30/2024	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2/10/2025	<0.001	<0.001				<0.001		
2/11/2025			<0.001	0.0015	<0.001		<0.001	

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

Tolerance Limit

Constituent: Lithium (mg/L) Analysis Run 4/11/2025 2:22 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-3 (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	<0.005	0.005	<0.005	0.0043 (J)	<0.005	<0.005		
7/20/2016							0.0041 (J)	<0.005
9/13/2016	<0.005	0.0075		0.0045 (J)	<0.005	<0.005	0.0042 (J)	<0.005
9/14/2016			<0.005					
11/9/2016	0.0032 (J)	0.0078		0.0036 (J)		<0.005		
11/10/2016					<0.005		0.0048 (J)	<0.005
1/17/2017	<0.005	0.009						
1/18/2017				0.0046 (J)	<0.005		0.0033 (J)	<0.005
1/19/2017			<0.005			<0.005		
3/13/2017	<0.005	0.0069						
3/14/2017			<0.005	0.0038 (J)	<0.005	<0.005	0.0033 (J)	<0.005
4/24/2017	<0.005	0.0049 (J)						
4/25/2017			<0.005	<0.005	<0.005	<0.005	0.0037 (J)	<0.005
8/8/2017	0.0032 (J)	0.0075		0.0043 (J)	<0.005	<0.005		<0.005
8/9/2017			<0.005				0.0042 (J)	
8/25/2017			<0.005					
3/27/2018	0.0045 (J)	0.0081						
3/28/2018			<0.005	0.0064	0.0014 (J)	0.0012 (J)	0.0056	0.0013 (J)
6/13/2018	0.0033 (J)		<0.005	0.0041 (J)		<0.005		
6/14/2018		0.0072			<0.005		0.0045 (J)	0.0012 (J)
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			<0.005		<0.005		0.005	0.0012 (J)
2/25/2019	0.0049 (J)	0.0072						
2/26/2019			<0.005	0.0068	<0.005	<0.005	0.0069	<0.005
4/1/2019	0.0044 (J)	0.0055						
4/2/2019			0.0016 (J)	0.0052	<0.005	0.0012 (J)	0.0036 (J)	<0.005
9/16/2019	0.004 (J)		0.028 (O)	0.032 (O)				
9/17/2019		0.0083				<0.005	0.0049 (J)	
9/18/2019					<0.005			<0.005
2/3/2020	<0.005	0.0085						
2/4/2020			<0.005	0.0053			0.0055	<0.005
2/5/2020					<0.005	<0.005		
3/16/2020	0.0053	0.0083						
3/17/2020			<0.005	0.0055	<0.005	<0.005	0.0059	<0.005
9/21/2020		0.0075					0.005	<0.005
9/22/2020	0.0036 (J)		<0.005	0.0049 (J)	<0.005	<0.005		
2/2/2021	<0.005	0.0065			<0.005	<0.005	0.0039 (J)	<0.005
2/3/2021			<0.005	0.0047 (J)				
3/10/2021		0.0075	<0.005		<0.005	<0.005	0.0049 (J)	<0.005
3/11/2021	0.0039 (J)			0.005				
8/23/2021		0.0066						
8/24/2021	<0.005		<0.005	0.0041 (J)	<0.005		0.0036 (J)	
8/25/2021						<0.005		<0.005
2/28/2022							0.005	
3/1/2022	0.0029 (J)	0.0085	<0.005	0.006				<0.005
3/3/2022					<0.005	<0.005		
8/15/2022	0.0032 (J)	0.007	<0.005	0.0047 (J)				

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

Tolerance Limit

Constituent: Lithium (mg/L) Analysis Run 4/11/2025 2:22 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-3 (bg)
8/16/2022					<0.005	<0.005	0.0043 (J)	<0.005
2/14/2023	0.0029 (J)	0.006	<0.005	0.0045 (J)	<0.005	<0.005		<0.005
2/15/2023							0.0041 (J)	
8/14/2023	<0.005	0.0026 (J)						
8/15/2023			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/13/2024	0.0049 (J)	0.0082		0.0054	<0.005	0.0028 (J)	0.0061	<0.005
2/16/2024			<0.005					
7/30/2024	0.002 (J)	0.004 (J)		0.0027 (J)	<0.005	<0.005	<0.005	<0.005
2/10/2025	0.0091	0.013						<0.005
2/11/2025				<0.005	<0.005	0.0047 (J)	<0.005	

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

Tolerance Limit

Constituent: Mercury (mg/L) Analysis Run 4/11/2025 2:22 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-5 (bg)	WGWA-3 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-4 (bg)
5/17/2016	<0.0002	<0.0002	<0.0002					
5/18/2016				<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
7/19/2016	<0.0002	8.1E-05 (J)	8.2E-05 (J)	8.5E-05 (J)		8.4E-05 (J)	7.2E-05 (J)	
7/20/2016					7.7E-05 (J)			8.1E-05 (J)
9/13/2016	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002
9/14/2016				<0.0002				
11/9/2016	<0.0002	<0.0002	<0.0002			<0.0002		
11/10/2016					0.00015 (J)		8.7E-05 (J)	0.00016 (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				
3/13/2017	<0.0002	<0.0002						
3/14/2017			7.1E-05 (J)	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/24/2017	<0.0002	<0.0002						
4/25/2017			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/8/2017	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002	
8/9/2017				<0.0002				<0.0002
8/25/2017				9.5E-05 (J)				
3/27/2018	<0.0002	<0.0002						
3/28/2018			<0.0002	8.9E-05 (J)	<0.0002	<0.0002	<0.0002	<0.0002
6/13/2018	<0.0002		<0.0002	<0.0002		<0.0002		
6/14/2018		<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
2/25/2019	<0.0002	<0.0002						
2/26/2019			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/3/2020	<0.0002	<0.0002						
2/4/2020				<0.0002	0.00016 (J)	<0.0002		0.00011 (J)
2/5/2020			<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
9/21/2020		<0.0002			<0.0002			<0.0002
9/22/2020	<0.0002		<0.0002	<0.0002		<0.0002	<0.0002	
2/2/2021	<0.0002	<0.0002	<0.0002		<0.0002		<0.0002	<0.0002
2/3/2021				<0.0002		<0.0002		
2/28/2022								<0.0002
3/1/2022	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002		
3/3/2022			<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
2/14/2023	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
2/15/2023								<0.0002
8/14/2023	<0.0002	<0.0002						
8/15/2023			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/13/2024	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002
2/16/2024				<0.0002				
7/30/2024	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002
2/10/2025	<0.0002	<0.0002			<0.0002			
2/11/2025			<0.0002			<0.0002	<0.0002	<0.0002

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

Tolerance Limit

Constituent: Molybdenum (mg/L) Analysis Run 4/11/2025 2:22 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWA-5 (bg)	WGWA-7 (bg)
5/17/2016	<0.015	<0.015	0.00367 (J)					
5/18/2016				<0.015	<0.015	<0.015	<0.015	<0.015
7/19/2016	<0.015	<0.015	0.002 (J)		<0.015		<0.015	<0.015
7/20/2016				<0.015		<0.015		
9/13/2016	<0.015	<0.015	0.0014 (J)	<0.015	<0.015	<0.015		<0.015
9/14/2016							0.016 (O)	
11/9/2016	<0.015	<0.015	<0.015		<0.015			
11/10/2016				<0.015		<0.015		<0.015
1/17/2017	<0.015	<0.015						
1/18/2017				<0.015	<0.015	<0.015		0.001 (J)
1/19/2017			<0.015				<0.015	
3/13/2017	<0.015	<0.015						
3/14/2017			0.0072 (J)	<0.015	<0.015	0.00087 (J)	<0.015	0.0014 (J)
4/24/2017	<0.015	<0.015						
4/25/2017			0.0036 (J)	<0.015	<0.015	0.00098 (J)	<0.015	<0.015
8/8/2017	0.0017 (J)	<0.015	<0.015		<0.015	<0.015		<0.015
8/9/2017				<0.015			<0.015	
8/25/2017							<0.015	
3/27/2018	<0.015	<0.015						
3/28/2018			0.00089 (J)	<0.015	<0.015	<0.015	<0.015	<0.015
6/13/2018	<0.015		<0.015		<0.015		<0.015	
6/14/2018		<0.015		<0.015		<0.015		<0.015
9/24/2018		<0.015						
9/27/2018	<0.015							
9/28/2018			<0.015					
10/2/2018					<0.015			
10/3/2018				<0.015		<0.015	<0.015	<0.015
2/25/2019	<0.015	<0.015						
2/26/2019			0.0019 (J)	<0.015	<0.015	<0.015	<0.015	<0.015
4/1/2019	<0.015	<0.015						
4/2/2019			<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
9/16/2019	<0.015				0.001 (J)		0.001 (J)	
9/17/2019		<0.015	<0.015	<0.015				
9/18/2019						<0.015		<0.015
2/3/2020	<0.015	<0.015						
2/4/2020				<0.015	<0.015	<0.015	<0.015	
2/5/2020			<0.015					<0.015
3/16/2020	<0.015	<0.015						
3/17/2020			<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
9/21/2020		<0.015		<0.015		<0.015		
9/22/2020	<0.015		0.00097 (J)		<0.015		0.0025 (J)	<0.015
2/2/2021	<0.015	<0.015	<0.015	<0.015		<0.015		<0.015
2/3/2021					<0.015		<0.015	
3/10/2021		<0.015	<0.015	<0.015		<0.015	<0.015	<0.015
3/11/2021	<0.015				<0.015			
8/23/2021		<0.015						
8/24/2021	<0.015			<0.015	<0.015		<0.015	<0.015
8/25/2021			<0.015			<0.015		
2/28/2022				<0.015				
3/1/2022	<0.015	<0.015			<0.015	<0.015	<0.015	
3/3/2022			<0.015					<0.015
8/15/2022	<0.015	<0.015			<0.015		<0.015	

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

Tolerance Limit

Constituent: Molybdenum (mg/L) Analysis Run 4/11/2025 2:22 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWA-5 (bg)	WGWA-7 (bg)
8/16/2022			<0.015	<0.015		<0.015		<0.015
2/14/2023	<0.015	<0.015	<0.015		<0.015	<0.015	<0.015	<0.015
2/15/2023				<0.015				
8/14/2023	<0.015	<0.015						
8/15/2023			<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
2/13/2024	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015		0.0012 (J)
2/16/2024							<0.015	
7/30/2024	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015		<0.015
2/10/2025	<0.015	<0.015				<0.015		
2/11/2025			<0.015	<0.015	<0.015			<0.015

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

Tolerance Limit

Constituent: Selenium (mg/L) Analysis Run 4/11/2025 2:22 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWA-7 (bg)	WGWA-5 (bg)
5/17/2016	<0.005	<0.005	<0.005					
5/18/2016				<0.005	<0.005	<0.005	<0.005	<0.005
7/19/2016	<0.005	<0.005	<0.005		<0.005		<0.005	<0.005
7/20/2016				<0.005		<0.005		
9/13/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
9/14/2016								<0.005
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			<0.005					<0.005
3/13/2017	<0.005	<0.005						
3/14/2017			0.0028	<0.005	<0.005	0.00026 (J)	<0.005	<0.005
4/24/2017	<0.005	<0.005						
4/25/2017			0.0018	<0.005	<0.005	0.00035 (J)	<0.005	<0.005
8/8/2017	0.0013	<0.005	<0.005		<0.005	<0.005	<0.005	
8/9/2017				<0.005				<0.005
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
6/13/2018	<0.005		<0.005		<0.005			0.00025 (J)
6/14/2018		<0.005		0.00032 (J)		<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	<0.005	<0.005
2/25/2019	<0.005	<0.005						
2/26/2019			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4/1/2019	<0.005	<0.005						
4/2/2019			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
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	
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	
3/16/2020	<0.005	0.0026 (J)						
3/17/2020			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/21/2020		<0.005		<0.005		<0.005		
9/22/2020	<0.005		<0.005		<0.005		<0.005	<0.005
2/2/2021	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	
2/3/2021					<0.005			<0.005
3/10/2021		<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
3/11/2021	<0.005				<0.005			
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		
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	
8/15/2022	<0.005	<0.005			<0.005			<0.005

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

Tolerance Limit

Constituent: Selenium (mg/L) Analysis Run 4/11/2025 2:22 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWA-7 (bg)	WGWA-5 (bg)
8/16/2022			<0.005	<0.005		<0.005	<0.005	
2/14/2023	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005
2/15/2023				<0.005				
8/14/2023	<0.005	<0.005						
8/15/2023			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/13/2024	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
2/16/2024								<0.005
7/30/2024	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
2/10/2025	<0.005	<0.005				<0.005		
2/11/2025			<0.005	<0.005	<0.005		<0.005	

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

Tolerance Limit

Constituent: Thallium (mg/L) Analysis Run 4/11/2025 2:22 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWA-7 (bg)	WGWA-5 (bg)
5/17/2016	<0.001	<0.001	<0.001					
5/18/2016				<0.001	<0.001	<0.001	<0.001	<0.001
7/19/2016	<0.001	<0.001	<0.001		<0.001		<0.001	<0.001
7/20/2016				<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)
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
3/13/2017	<0.001	<0.001						
3/14/2017			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/24/2017	<0.001	<0.001						
4/25/2017			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/8/2017	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	
8/9/2017				<0.001				<0.001
8/25/2017								<0.001
3/27/2018	<0.001	<0.001						
3/28/2018			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
6/13/2018	<0.001		<0.001		<0.001			<0.001
6/14/2018		<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
2/25/2019	<0.001	<0.001						
2/26/2019			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2019	<0.001	<0.001						
4/2/2019			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/16/2019	0.00016 (J)				0.00062 (J)			<0.001
9/17/2019		<0.001	<0.001	<0.001				
9/18/2019						<0.001	<0.001	
2/3/2020	<0.001	0.0002 (J)						
2/4/2020				<0.001	<0.001	<0.001		<0.001
2/5/2020			<0.001				0.00026 (J)	
3/16/2020	0.00036 (J)	0.0003 (J)						
3/17/2020			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/21/2020		<0.001		<0.001		<0.001		
9/22/2020	<0.001		<0.001		<0.001		<0.001	<0.001
2/2/2021	<0.001	0.0004 (J)	<0.001	<0.001		<0.001	<0.001	
2/3/2021					<0.001			0.00042 (J)
3/10/2021		0.00073 (J)	<0.001	0.00017 (J)		0.00028 (J)	<0.001	<0.001
3/11/2021	0.00045 (J)				<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		
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	
8/15/2022	<0.001	<0.001			<0.001			<0.001

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

Tolerance Limit

Constituent: Thallium (mg/L) Analysis Run 4/11/2025 2:22 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-6 (bg)	WGWA-3 (bg)	WGWA-7 (bg)	WGWA-5 (bg)
8/16/2022			<0.001	<0.001		<0.001	<0.001	
2/14/2023	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
2/15/2023				<0.001				
8/14/2023	<0.001	<0.001						
8/15/2023			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/13/2024	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2/16/2024								<0.001
7/30/2024	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2/10/2025	<0.001	<0.001				<0.001		
2/11/2025			<0.001	<0.001	<0.001		<0.001	

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

FIGURE G.

WANSLEY AP GWPS				
Constituent Name	**MCL**	**CCR-Rule Specified**	**Background**	**GWPS**
Antimony, Total (mg/L)	0.006		0.0022	0.006
Arsenic, Total (mg/L)	0.01		0.0014	0.01
Barium, Total (mg/L)	2		0.062	2
Beryllium, Total (mg/L)	0.004		0.0025	0.004
Cadmium, Total (mg/L)	0.005		0.0025	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	0.013	0.04
Mercury, Total (mg/L)	0.002		0.0002	0.002
Molybdenum, Total (mg/L)	n/a	0.1	0.015	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 H.

Appendix IV Confidence Intervals - Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 2:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Beryllium (mg/L)	**WGWC-20**	**0.0115**	**0.008902**	**0.004**	**Yes**	**10**	**0.0102**	**0.001454**	**0**	**None**	**No**	**0.01**	**Param.**
Beryllium (mg/L)	**WGWC-24**	**0.01133**	**0.004591**	**0.004**	**Yes**	**10**	**0.00796**	**0.003776**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**WGWC-24**	**0.09563**	**0.03017**	**0.0066**	**Yes**	**10**	**0.0629**	**0.03669**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-19**	**0.05699**	**0.05012**	**0.04**	**Yes**	**27**	**0.05356**	**0.007202**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-20**	**0.1452**	**0.1165**	**0.04**	**Yes**	**12**	**0.1308**	**0.01832**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-21**	**0.06974**	**0.04901**	**0.04**	**Yes**	**8**	**0.05938**	**0.009782**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-28D**	**0.2198**	**0.1762**	**0.04**	**Yes**	**5**	**0.198**	**0.01304**	**0**	**None**	**No**	**0.01**	**Param.**

Appendix IV Confidence Intervals - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 2:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	WGWC-8	0.0074	0.00064	0.006	No	21	0.002902	0.002547	80.95	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-9	0.0043	0.0011	0.006	No	21	0.0026	0.002174	57.14	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-11	0.002	0.00053	0.006	No	21	0.00193	0.0003208	95.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-12	0.0023	0.002	0.006	No	21	0.002014	0.00006547	95.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-19	0.002	0.00058	0.006	No	21	0.001932	0.0003099	95.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-20	0.002	0.00066	0.006	No	10	0.001489	0.0006786	60	None	No	0.011	NP (NDs)
Antimony (mg/L)	WGWC-21	0.002	0.00055	0.006	No	10	0.001584	0.0006725	70	None	No	0.011	NP (NDs)
Antimony (mg/L)	WGWC-22	0.002	0.00076	0.006	No	10	0.00141	0.000642	50	None	No	0.011	NP (normality)
Antimony (mg/L)	WGWC-23	0.002	0.0013	0.006	No	10	0.00185	0.0003308	60	None	No	0.011	NP (NDs)
Antimony (mg/L)	WGWC-27	0.002	0.00047	0.006	No	6	0.001422	0.0007291	50	None	No	0.0155	NP (normality)
Antimony (mg/L)	WGWC-28D	0.002	0.00057	0.006	No	4	0.001643	0.000715	75	None	No	0.0625	NP (NDs)
Antimony (mg/L)	PZ-26D	0.002	0.00038	0.006	No	4	0.001595	0.00081	75	None	No	0.0625	NP (NDs)
Arsenic (mg/L)	WGWC-8	0.001054	0.0006887	0.01	No	27	0.001037	0.0003114	40.74	Kaplan-Meier	No	0.01	Param.
Arsenic (mg/L)	WGWC-9	0.001	0.00078	0.01	No	27	0.0009981	0.0001775	88.89	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-10	0.001	0.00089	0.01	No	27	0.0009048	0.0002236	81.48	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-11	0.001	0.00054	0.01	No	27	0.0009452	0.0001583	88.89	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-12	0.001	0.001	0.01	No	27	0.0009396	0.0001753	85.19	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-13	0.001	0.00048	0.01	No	27	0.0008141	0.0003059	55.56	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-14A	0.0014	0.001	0.01	No	27	0.00118	0.0005115	74.07	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-15	0.001695	0.0009401	0.01	No	27	0.001513	0.0007641	18.52	Kaplan-Meier	No	0.01	Param.
Arsenic (mg/L)	WGWC-16	0.0013	0.001	0.01	No	27	0.001117	0.0002917	62.96	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-17	0.001	0.00076	0.01	No	27	0.0008815	0.0001921	62.96	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-20	0.000959	0.0003444	0.01	No	10	0.000814	0.0003158	40	Kaplan-Meier	x^2	0.01	Param.
Arsenic (mg/L)	WGWC-21	0.001	0.00036	0.01	No	10	0.000757	0.0002929	50	None	No	0.011	NP (normality)
Arsenic (mg/L)	WGWC-22	0.001	0.00046	0.01	No	10	0.000885	0.0002735	70	None	No	0.011	NP (NDs)
Arsenic (mg/L)	WGWC-24	0.001912	0.0003128	0.01	No	10	0.001392	0.0009789	40	Kaplan-Meier	sqrt(x)	0.01	Param.
Arsenic (mg/L)	WGWC-25	0.001	0.001	0.01	No	10	0.000996	0.00001265	90	Kaplan-Meier	No	0.011	NP (NDs)
Arsenic (mg/L)	WGWC-28D	0.003154	0.0003459	0.01	No	4	0.00175	0.0007141	25	Kaplan-Meier	No	0.01	Param.
Barium (mg/L)	WGWC-8	0.01	0.0013	2	No	27	0.004463	0.004045	33.33	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-9	0.01	0.0014	2	No	27	0.00552	0.004422	48.15	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-10	0.03937	0.03422	2	No	27	0.03711	0.00608	0	None	ln(x)	0.01	Param.
Barium (mg/L)	WGWC-11	0.04228	0.03461	2	No	27	0.03844	0.008035	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-12	0.018	0.015	2	No	27	0.01683	0.003667	0	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-13	0.05273	0.04416	2	No	27	0.04844	0.008984	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-14A	0.042	0.027	2	No	27	0.03593	0.01307	0	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-15	0.02666	0.02205	2	No	27	0.02436	0.00484	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-16	0.05269	0.03933	2	No	27	0.0468	0.01444	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	WGWC-17	0.017	0.011	2	No	27	0.014	0.003835	0	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-19	0.0077	0.0012	2	No	27	0.004323	0.004059	29.63	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-20	0.01	0.01	2	No	10	0.009091	0.002875	90	None	No	0.011	NP (NDs)
Barium (mg/L)	WGWC-21	0.007505	0.004375	2	No	10	0.00594	0.001754	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-22	0.03674	0.02226	2	No	10	0.0295	0.008114	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-23	0.01139	0.006246	2	No	10	0.00882	0.002885	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-24	0.04826	0.03254	2	No	10	0.0404	0.008809	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-25	0.3747	0.2053	2	No	10	0.29	0.09499	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-27	0.004947	0.00332	2	No	6	0.004133	0.0005922	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-28D	0.02102	0.006481	2	No	4	0.01375	0.003202	0	None	No	0.01	Param.
Barium (mg/L)	PZ-26D	0.02903	0.01397	2	No	4	0.0215	0.003317	0	None	No	0.01	Param.
Beryllium (mg/L)	WGWC-8	0.002243	0.001753	0.004	No	27	0.001998	0.0005139	0	None	No	0.01	Param.
Beryllium (mg/L)	WGWC-9	0.0025	0.00036	0.004	No	27	0.001089	0.001018	33.33	None	No	0.01	NP (normality)
Beryllium (mg/L)	WGWC-14A	0.0025	0.00026	0.004	No	27	0.001585	0.001125	59.26	None	No	0.01	NP (NDs)
Beryllium (mg/L)	WGWC-16	0.0025	0.00022	0.004	No	27	0.002416	0.0004388	96.3	None	No	0.01	NP (NDs)
Beryllium (mg/L)	**WGWC-20**	**0.0115**	**0.008902**	**0.004**	**Yes**	**10**	**0.0102**	**0.001454**	**0**	**None**	**No**	**0.01**	**Param.**
Beryllium (mg/L)	WGWC-21	0.0025	0.00021	0.004	No	10	0.001372	0.001189	50	None	No	0.011	NP (normality)
Beryllium (mg/L)	WGWC-22	0.0006524	0.0005276	0.004	No	10	0.00059	0.00006992	0	None	No	0.01	Param.

Appendix IV Confidence Intervals - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 2:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Beryllium (mg/L)	WGWC-23	0.001363	0.0009449	0.004	No	10	0.001154	0.0002343	0	None	No	0.01	Param.
Beryllium (mg/L)	**WGWC-24**	**0.01133**	**0.004591**	**0.004**	**Yes**	**10**	**0.00796**	**0.003776**	**0**	**None**	**No**	**0.01**	**Param.**
Beryllium (mg/L)	WGWC-25	0.0025	0.00022	0.004	No	10	0.001376	0.001185	50	None	No	0.011	NP (normality)
Beryllium (mg/L)	WGWC-27	0.001304	0	0.004	No	6	0.0008533	0.0003859	0	None	x^3	0.01	Param.
Beryllium (mg/L)	WGWC-28D	0.002904	0.0002615	0.004	No	4	0.001583	0.0005819	0	None	No	0.01	Param.
Cadmium (mg/L)	WGWC-8	0.0025	0.00065	0.005	No	25	0.002151	0.0008204	84	None	No	0.01	NP (NDs)
Cadmium (mg/L)	WGWC-10	0.0025	0.00021	0.005	No	25	0.002408	0.000458	96	None	No	0.01	NP (NDs)
Cadmium (mg/L)	WGWC-16	0.0025	0.00054	0.005	No	25	0.001369	0.001035	44	None	No	0.01	NP (normality)
Cadmium (mg/L)	WGWC-20	0.0025	0.00022	0.005	No	10	0.001211	0.001115	40	None	No	0.011	NP (normality)
Cadmium (mg/L)	WGWC-22	0.0025	0.00011	0.005	No	10	0.001336	0.001228	50	None	No	0.011	NP (normality)
Cadmium (mg/L)	WGWC-24	0.000457	0.00013	0.005	No	10	0.0002935	0.0001833	0	None	No	0.01	Param.
Cadmium (mg/L)	WGWC-25	0.0025	0.00012	0.005	No	10	0.002022	0.001008	80	None	No	0.011	NP (NDs)
Cadmium (mg/L)	WGWC-27	0.0025	0.00008	0.005	No	6	0.002097	0.000988	83.33	None	No	0.0155	NP (NDs)
Chromium (mg/L)	WGWC-9	0.0025	0.002	0.1	No	27	0.002019	0.00009623	92.59	None	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-10	0.002461	0.001709	0.1	No	27	0.002085	0.0007887	11.11	None	No	0.01	Param.
Chromium (mg/L)	WGWC-11	0.002	0.0017	0.1	No	27	0.00193	0.0002334	85.19	None	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-13	0.002	0.0019	0.1	No	27	0.001967	0.00008771	85.19	None	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-14A	0.002	0.0017	0.1	No	27	0.001989	0.00005774	96.3	None	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-15	0.002	0.0015	0.1	No	27	0.001981	0.00009623	96.3	None	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-21	0.002	0.002	0.1	No	10	0.00195	0.0001581	90	None	No	0.011	NP (NDs)
Chromium (mg/L)	WGWC-23	0.002	0.002	0.1	No	10	0.00197	0.00009487	90	None	No	0.011	NP (NDs)
Chromium (mg/L)	WGWC-28D	0.002	0.002	0.1	No	4	0.002	4.7e-11	75	None	No	0.0625	NP (NDs)
Cobalt (mg/L)	WGWC-8	0.0025	0.00075	0.0066	No	27	0.00185	0.0009896	51.85	None	No	0.01	NP (NDs)
Cobalt (mg/L)	WGWC-9	0.0025	0.00073	0.0066	No	27	0.002434	0.0003406	96.3	None	No	0.01	NP (NDs)
Cobalt (mg/L)	WGWC-10	0.001233	0.0006678	0.0066	No	27	0.001366	0.0008699	18.52	Kaplan-Meier	sqrt(x)	0.01	Param.
Cobalt (mg/L)	WGWC-11	0.0025	0.00069	0.0066	No	27	0.001716	0.0009357	48.15	None	No	0.01	NP (normality)
Cobalt (mg/L)	WGWC-12	0.0008484	0.0004125	0.0066	No	27	0.000833	0.0009677	3.704	None	ln(x)	0.01	Param.
Cobalt (mg/L)	WGWC-13	0.0025	0.0008	0.0066	No	27	0.001953	0.0009489	74.07	None	No	0.01	NP (NDs)
Cobalt (mg/L)	WGWC-14A	0.007723	0.003779	0.0066	No	27	0.006315	0.004524	0	None	sqrt(x)	0.01	Param.
Cobalt (mg/L)	WGWC-15	0.0025	0.00015	0.0066	No	27	0.002413	0.0004523	96.3	None	No	0.01	NP (NDs)
Cobalt (mg/L)	WGWC-16	0.003731	0.0005539	0.0066	No	27	0.005642	0.005703	33.33	Kaplan-Meier	x^(1/3)	0.01	Param.
Cobalt (mg/L)	WGWC-17	0.00245	0.00052	0.0066	No	27	0.001448	0.000892	25.93	None	No	0.01	NP (normality)
Cobalt (mg/L)	WGWC-19	0.0025	0.00025	0.0066	No	27	0.001292	0.001106	44.44	None	No	0.01	NP (normality)
Cobalt (mg/L)	WGWC-20	0.0025	0.00046	0.0066	No	10	0.002083	0.0008794	80	None	No	0.011	NP (NDs)
Cobalt (mg/L)	WGWC-21	0.0025	0.00039	0.0066	No	10	0.001505	0.001065	50	None	No	0.011	NP (normality)
Cobalt (mg/L)	WGWC-22	0.0025	0.00034	0.0066	No	10	0.001847	0.001052	70	None	No	0.011	NP (NDs)
Cobalt (mg/L)	WGWC-23	0.0025	0.00017	0.0066	No	10	0.001805	0.001119	70	None	No	0.011	NP (NDs)
Cobalt (mg/L)	**WGWC-24**	**0.09563**	**0.03017**	**0.0066**	**Yes**	**10**	**0.0629**	**0.03669**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	WGWC-25	0.007566	0.004094	0.0066	No	10	0.00583	0.001946	0	None	No	0.01	Param.
Cobalt (mg/L)	WGWC-27	0.002496	0.001338	0.0066	No	6	0.001917	0.0004215	0	None	No	0.01	Param.
Cobalt (mg/L)	WGWC-28D	0.00101	0.00005662	0.0066	No	4	0.001025	0.001006	25	Kaplan-Meier	No	0.01	Param.
Cobalt (mg/L)	PZ-26D	0.02319	0	0.0066	No	4	0.008275	0.006571	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-8	2.304	1.591	13.1	No	27	1.948	0.7477	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-9	0.48	0.14	13.1	No	27	0.382	0.4712	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	WGWC-10	0.4886	0.199	13.1	No	27	0.3438	0.3036	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-11	0.6265	0.2502	13.1	No	27	0.4383	0.3944	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-12	0.6187	0.2758	13.1	No	27	0.4473	0.3594	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-13	0.7315	0.4542	13.1	No	27	0.5928	0.2907	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-14A	0.8055	0.5495	13.1	No	27	0.6972	0.2912	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-15	0.6966	0.3462	13.1	No	27	0.5214	0.3673	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-16	1.459	0.7523	13.1	No	27	1.199	0.8319	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-17	0.5278	0.2087	13.1	No	27	0.3683	0.3345	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-19	0.523	0.19	13.1	No	27	0.4158	0.3705	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	WGWC-20	1.256	0.7544	13.1	No	10	1.005	0.2812	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-21	2.015	0.7512	13.1	No	10	1.383	0.7085	0	None	No	0.01	Param.

Appendix IV Confidence Intervals - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 2:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	WGWC-22	6.303	3.715	13.1	No	10	5.009	1.451	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-23	1.524	0.4583	13.1	No	10	0.9911	0.5972	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-24	1.369	0.742	13.1	No	10	1.056	0.3515	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-25	1.138	0.585	13.1	No	10	0.8613	0.3097	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-27	6.766	0.7426	13.1	No	6	3.754	2.192	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-28D	19.89	2.236	13.1	No	4	11.07	3.889	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-26D	1.789	0.3198	13.1	No	4	1.055	0.3236	0	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-8	0.2979	0.1796	4	No	28	0.2388	0.1266	10.71	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-9	1.375	1.044	4	No	28	1.21	0.3539	0	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-10	0.159	0.1185	4	No	28	0.1388	0.04328	7.143	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-11	0.2	0.047	4	No	28	0.1379	0.07743	57.14	None	No	0.01	NP (NDs)
Fluoride (mg/L)	WGWC-12	0.09367	0.07072	4	No	28	0.1078	0.04906	17.86	Kaplan-Meier	sqrt(x)	0.01	Param.
Fluoride (mg/L)	WGWC-13	0.2628	0.1918	4	No	28	0.2273	0.07597	7.143	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-14A	0.2	0.057	4	No	28	0.1497	0.07476	67.86	None	No	0.01	NP (NDs)
Fluoride (mg/L)	WGWC-15	0.845	0.7578	4	No	28	0.8014	0.09329	0	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-16	0.1286	0.07105	4	No	28	0.1559	0.1604	17.86	Kaplan-Meier	ln(x)	0.01	Param.
Fluoride (mg/L)	WGWC-17	0.1215	0.08168	4	No	28	0.1016	0.04264	10.71	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-19	0.37	0.3165	4	No	28	0.3371	0.07151	0	None	x^2	0.01	Param.
Fluoride (mg/L)	WGWC-20	2.047	1.114	4	No	12	1.667	0.7152	16.67	Kaplan-Meier	x^3	0.01	Param.
Fluoride (mg/L)	WGWC-21	1.898	1.161	4	No	12	1.583	0.6631	16.67	Kaplan-Meier	x^3	0.01	Param.
Fluoride (mg/L)	WGWC-22	0.6207	0.2384	4	No	12	0.485	0.3755	16.67	Kaplan-Meier	ln(x)	0.01	Param.
Fluoride (mg/L)	WGWC-23	0.2	0.043	4	No	12	0.08042	0.05963	16.67	None	No	0.01	NP (normality)
Fluoride (mg/L)	WGWC-24	0.8251	0.2105	4	No	12	0.5908	0.4015	16.67	Kaplan-Meier	No	0.01	Param.
Fluoride (mg/L)	WGWC-25	0.2	0.028	4	No	12	0.1325	0.08364	58.33	Kaplan-Meier	No	0.01	NP (NDs)
Fluoride (mg/L)	WGWC-27	1.241	0.2922	4	No	6	0.7667	0.3783	16.67	Kaplan-Meier	No	0.01	Param.
Fluoride (mg/L)	WGWC-28D	2.1	0.2	4	No	5	0.86	0.9209	60	Kaplan-Meier	No	0.031	NP (NDs)
Fluoride (mg/L)	PZ-26D	0.2895	0.06718	4	No	6	0.215	0.06504	16.67	Kaplan-Meier	No	0.01	Param.
Lead (mg/L)	WGWC-8	0.001	0.00029	0.015	No	25	0.0007272	0.0003799	64	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-9	0.001	0.00014	0.015	No	25	0.0009656	0.000172	96	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-10	0.001	0.00026	0.015	No	25	0.0006864	0.0003751	56	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-11	0.001	0.00058	0.015	No	25	0.0009024	0.0002338	84	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-12	0.001	0.00033	0.015	No	25	0.0009732	0.000134	96	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-13	0.001	0.00038	0.015	No	25	0.0006552	0.0003242	36	None	No	0.01	NP (normality)
Lead (mg/L)	WGWC-14A	0.001	0.00031	0.015	No	25	0.0007152	0.0003651	60	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-15	0.001	0.0003	0.015	No	25	0.000972	0.00014	96	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-16	0.001	0.00014	0.015	No	25	0.0009308	0.0002395	92	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-17	0.001	0.00033	0.015	No	25	0.0009412	0.0002044	92	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-19	0.001	0.0003	0.015	No	25	0.000972	0.00014	96	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-22	0.001	0.00023	0.015	No	10	0.000641	0.0003818	50	None	No	0.011	NP (normality)
Lead (mg/L)	WGWC-23	0.002	0.001	0.015	No	10	0.00146	0.001147	80	None	No	0.011	NP (NDs)
Lead (mg/L)	WGWC-24	0.0008185	0.0002895	0.015	No	10	0.000554	0.0002965	0	None	No	0.01	Param.
Lead (mg/L)	WGWC-25	0.001	0.001	0.015	No	10	0.000965	0.0001107	90	None	No	0.011	NP (NDs)
Lead (mg/L)	WGWC-28D	0.001	0.00022	0.015	No	4	0.000805	0.00039	75	None	No	0.0625	NP (NDs)
Lead (mg/L)	PZ-26D	0.001	0.001	0.015	No	4	0.001	2.4e-11	75	None	No	0.0625	NP (NDs)
Lithium (mg/L)	WGWC-8	0.015	0.013	0.04	No	27	0.01578	0.008964	0	None	No	0.01	NP (normality)
Lithium (mg/L)	WGWC-9	0.03624	0.0315	0.04	No	27	0.03387	0.004972	0	None	No	0.01	Param.
Lithium (mg/L)	WGWC-10	0.01164	0.005906	0.04	No	27	0.009548	0.006978	3.704	None	sqrt(x)	0.01	Param.
Lithium (mg/L)	WGWC-11	0.005	0.0025	0.04	No	27	0.00436	0.00139	81.48	None	No	0.01	NP (NDs)
Lithium (mg/L)	WGWC-12	0.0077	0.0061	0.04	No	27	0.007181	0.004004	3.704	None	No	0.01	NP (normality)
Lithium (mg/L)	WGWC-13	0.005	0.0037	0.04	No	27	0.004289	0.001186	70.37	None	No	0.01	NP (NDs)
Lithium (mg/L)	WGWC-14A	0.005	0.0033	0.04	No	27	0.004152	0.001319	66.67	None	No	0.01	NP (NDs)
Lithium (mg/L)	WGWC-15	0.007123	0.00541	0.04	No	27	0.006267	0.001796	7.407	None	No	0.01	Param.
Lithium (mg/L)	WGWC-16	0.008831	0.005273	0.04	No	27	0.007052	0.00373	11.11	None	No	0.01	Param.
Lithium (mg/L)	WGWC-17	0.0056	0.0042	0.04	No	27	0.005478	0.004068	3.704	None	No	0.01	NP (normality)
Lithium (mg/L)	**WGWC-19**	**0.05699**	**0.05012**	**0.04**	**Yes**	**27**	**0.05356**	**0.007202**	**0**	**None**	**No**	**0.01**	**Param.**

Appendix IV Confidence Intervals - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 2:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lithium (mg/L)	**WGWC-20**	**0.1452**	**0.1165**	**0.04**	**Yes**	**12**	**0.1308**	**0.01832**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-21**	**0.06974**	**0.04901**	**0.04**	**Yes**	**8**	**0.05938**	**0.009782**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	WGWC-22	0.01056	0.007365	0.04	No	12	0.0088	0.002428	0	None	x^2	0.01	Param.
Lithium (mg/L)	WGWC-23	0.005	0.0017	0.04	No	12	0.004067	0.001436	58.33	None	No	0.01	NP (NDs)
Lithium (mg/L)	WGWC-24	0.007651	0.004165	0.04	No	12	0.005908	0.002222	0	None	No	0.01	Param.
Lithium (mg/L)	WGWC-25	0.004714	0.003445	0.04	No	12	0.004325	0.0008582	16.67	Kaplan-Meier	No	0.01	Param.
Lithium (mg/L)	WGWC-27	0.04184	0.01156	0.04	No	6	0.0267	0.01102	0	None	No	0.01	Param.
Lithium (mg/L)	**WGWC-28D**	**0.2198**	**0.1762**	**0.04**	**Yes**	**5**	**0.198**	**0.01304**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	PZ-26D	0.03691	0.02059	0.04	No	4	0.02875	0.003594	0	None	No	0.01	Param.
Mercury (mg/L)	WGWC-8	0.0002	0.00013	0.002	No	23	0.0001877	0.00003332	86.96	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-9	0.0002	0.00013	0.002	No	23	0.000197	0.0000146	95.65	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-10	0.0002	0.00013	0.002	No	23	0.0001817	0.0000416	82.61	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-11	0.0002	0.00011	0.002	No	23	0.000191	0.00003026	91.3	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-12	0.0002	0.00018	0.002	No	23	0.000186	0.00003488	82.61	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-13	0.0002	0.000083	0.002	No	23	0.0001897	0.000034	91.3	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-14A	0.0002	0.00013	0.002	No	23	0.000197	0.0000146	95.65	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-15	0.0002	0.000093	0.002	No	23	0.0001798	0.00004518	82.61	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-16	0.0002	0.00019	0.002	No	23	0.0001904	0.00003111	86.96	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-17	0.0002	0.000074	0.002	No	23	0.0001945	0.00002627	95.65	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-19	0.0002	0.00012	0.002	No	23	0.0001911	0.00003013	91.3	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-20	0.0002	0.0002	0.002	No	10	0.000213	0.00004111	90	None	No	0.011	NP (NDs)
Mercury (mg/L)	WGWC-21	0.0002	0.0002	0.002	No	10	0.0002	1.6e-12	90	None	No	0.011	NP (NDs)
Mercury (mg/L)	WGWC-22	0.0002	0.0002	0.002	No	10	0.000198	0.000006325	90	None	No	0.011	NP (NDs)
Mercury (mg/L)	WGWC-23	0.0002	0.0002	0.002	No	10	0.000202	0.000006325	90	None	No	0.011	NP (NDs)
Mercury (mg/L)	WGWC-24	0.0002	0.0002	0.002	No	10	0.000206	0.00001897	90	None	No	0.011	NP (NDs)
Mercury (mg/L)	WGWC-25	0.0002	0.0002	0.002	No	10	0.00037	0.0005376	90	None	No	0.011	NP (NDs)
Molybdenum (mg/L)	WGWC-9	0.0048	0.0028	0.1	No	27	0.004656	0.003105	0	None	No	0.01	NP (normality)
Molybdenum (mg/L)	WGWC-10	0.015	0.00093	0.1	No	27	0.01396	0.003758	92.59	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-11	0.015	0.0017	0.1	No	27	0.01399	0.003631	92.59	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-12	0.015	0.0046	0.1	No	27	0.01198	0.005801	77.78	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-13	0.0025	0.0012	0.1	No	27	0.002461	0.002004	11.11	None	No	0.01	NP (normality)
Molybdenum (mg/L)	WGWC-14A	0.015	0.001	0.1	No	27	0.01448	0.002694	96.3	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-15	0.004959	0.002949	0.1	No	27	0.004511	0.003167	0	None	ln(x)	0.01	Param.
Molybdenum (mg/L)	WGWC-17	0.00526	0.0023	0.1	No	27	0.003682	0.002323	0	None	No	0.01	NP (normality)
Molybdenum (mg/L)	WGWC-19	0.0016	0.0012	0.1	No	27	0.004841	0.006126	25.93	None	No	0.01	NP (normality)
Molybdenum (mg/L)	WGWC-20	0.015	0.00079	0.1	No	10	0.01073	0.006879	70	None	No	0.011	NP (NDs)
Molybdenum (mg/L)	WGWC-21	0.03917	0.02703	0.1	No	10	0.0331	0.006806	0	None	No	0.01	Param.
Molybdenum (mg/L)	WGWC-22	0.015	0.0082	0.1	No	10	0.0129	0.004747	80	None	No	0.011	NP (NDs)
Molybdenum (mg/L)	WGWC-28D	0.018	0.0088	0.1	No	4	0.01128	0.004491	0	None	No	0.0625	NP (normality)
Molybdenum (mg/L)	PZ-26D	0.003015	0.002185	0.1	No	4	0.0026	0.0001826	0	None	No	0.01	Param.
Selenium (mg/L)	WGWC-8	0.0039	0.0033	0.05	No	27	0.003981	0.001311	0	None	No	0.01	NP (normality)
Selenium (mg/L)	WGWC-9	0.002881	0.002333	0.05	No	27	0.002607	0.0005742	0	None	No	0.01	Param.
Selenium (mg/L)	WGWC-10	0.005	0.00031	0.05	No	27	0.004826	0.0009026	96.3	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-11	0.005	0.00049	0.05	No	27	0.004833	0.0008679	96.3	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-12	0.005	0.0021	0.05	No	27	0.004893	0.0005581	96.3	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-14A	0.005	0.0003	0.05	No	27	0.004826	0.0009045	96.3	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-15	0.005	0.0005	0.05	No	27	0.004833	0.000866	96.3	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-16	0.007191	0.003354	0.05	No	27	0.006561	0.0048	11.11	None	ln(x)	0.01	Param.
Selenium (mg/L)	WGWC-19	0.005	0.00036	0.05	No	27	0.004828	0.000893	96.3	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-20	0.003206	0.001454	0.05	No	10	0.00233	0.0009821	10	None	No	0.01	Param.
Selenium (mg/L)	WGWC-22	0.006382	0.003418	0.05	No	10	0.0049	0.001661	0	None	No	0.01	Param.
Selenium (mg/L)	WGWC-23	0.00283	0.00183	0.05	No	10	0.00233	0.0005599	0	None	No	0.01	Param.
Selenium (mg/L)	WGWC-24	0.005	0.005	0.05	No	10	0.004577	0.001338	90	None	No	0.011	NP (NDs)
Thallium (mg/L)	WGWC-10	0.001	0.000085	0.002	No	27	0.0009661	0.0001761	96.3	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-11	0.001	0.00016	0.002	No	27	0.0009689	0.0001617	96.3	None	No	0.01	NP (NDs)

Appendix IV Confidence Intervals - All Results

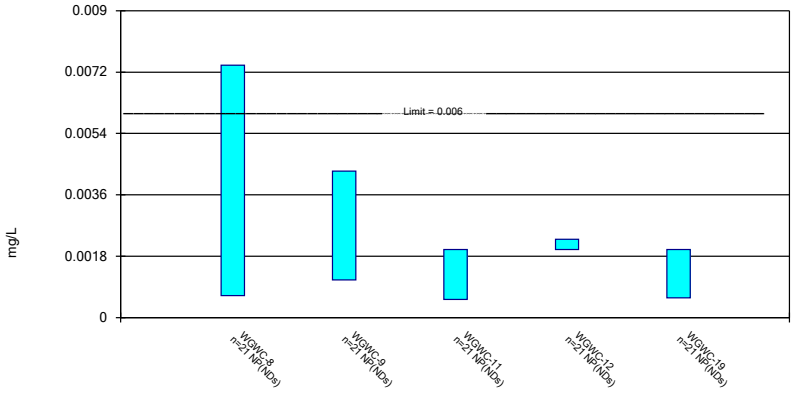
Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 2:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Thallium (mg/L)	WGWC-14A	0.001	0.00017	0.002	No	27	0.0006581	0.0004209	59.26	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-16	0.001	0.00019	0.002	No	27	0.0006319	0.0004206	55.56	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-19	0.001	0.00018	0.002	No	27	0.0009696	0.0001578	96.3	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-22	0.001	0.001	0.002	No	10	0.000947	0.0001676	90	None	No	0.011	NP (NDs)
Thallium (mg/L)	WGWC-24	0.000601	0.000325	0.002	No	10	0.000463	0.0001547	10	None	No	0.01	Param.

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Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

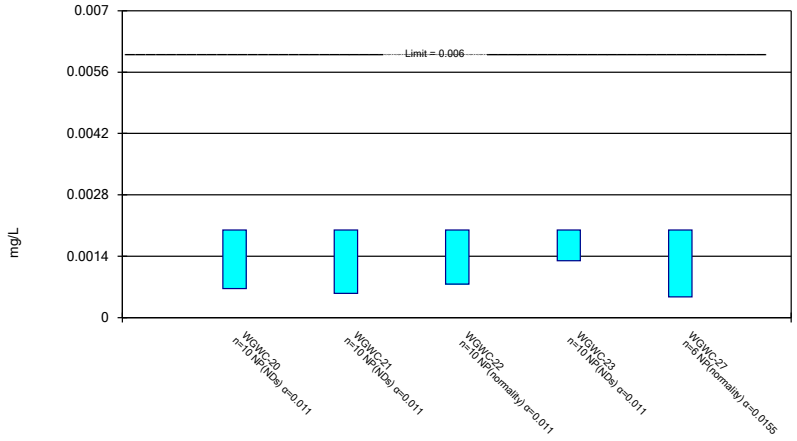


Constituent: Antimony Analysis Run 4/11/2025 2:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

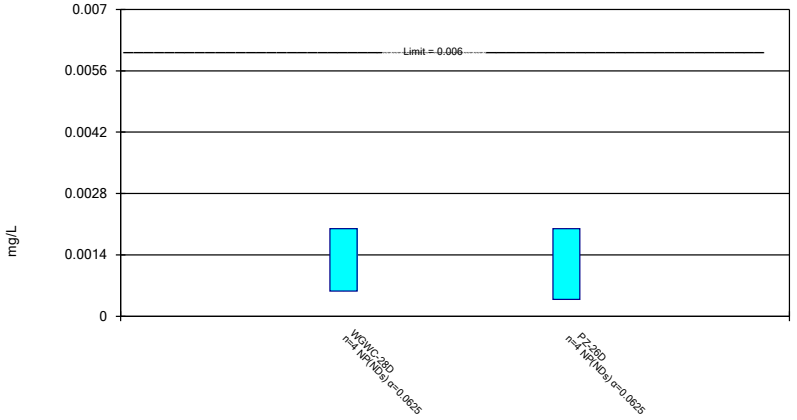


Constituent: Antimony Analysis Run 4/11/2025 2:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

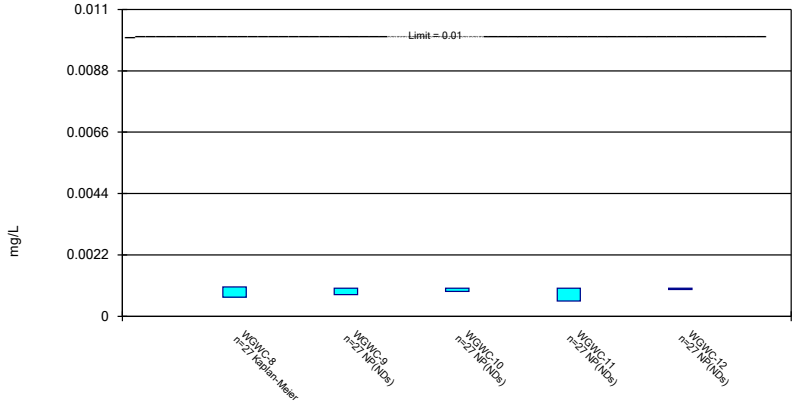


Constituent: Antimony Analysis Run 4/11/2025 2:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

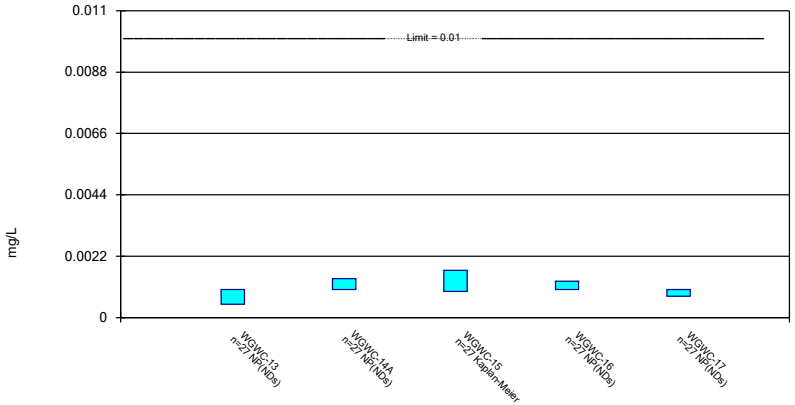


Constituent: Arsenic Analysis Run 4/11/2025 2:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

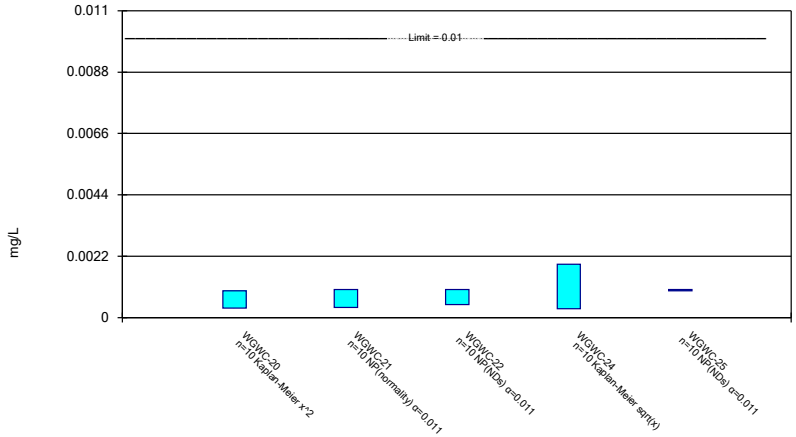


Constituent: Arsenic Analysis Run 4/11/2025 2:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

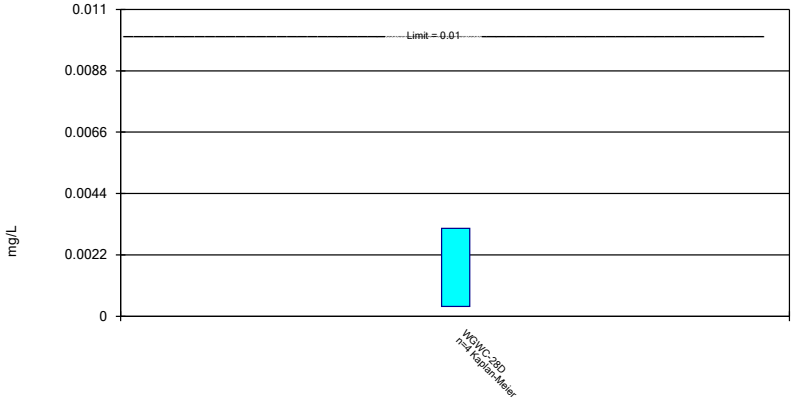


Constituent: Arsenic Analysis Run 4/11/2025 2:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

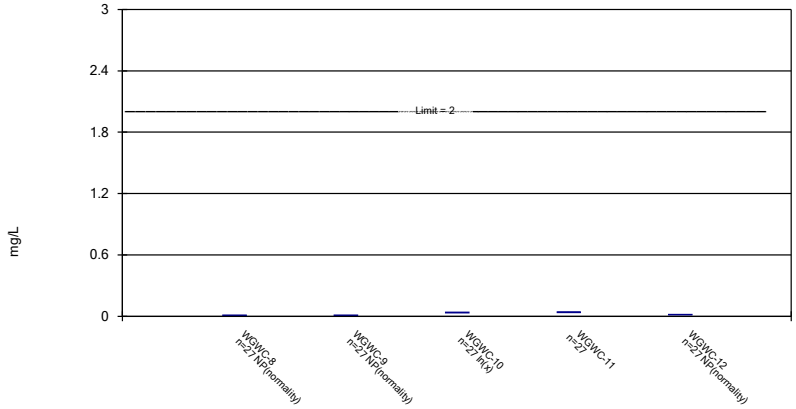


Constituent: Arsenic Analysis Run 4/11/2025 2:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

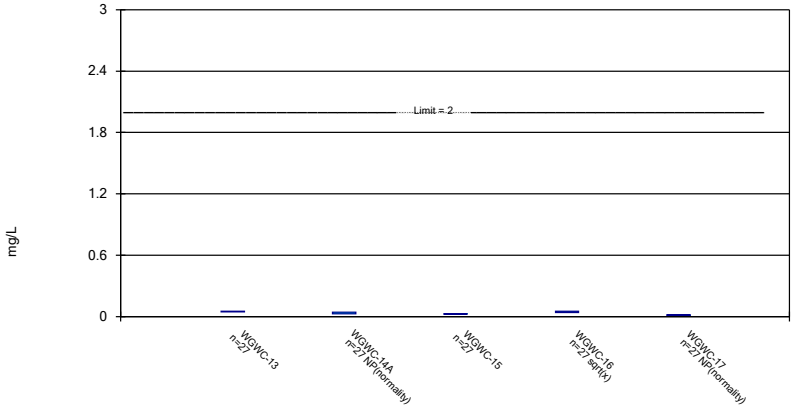


Constituent: Barium Analysis Run 4/11/2025 2:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

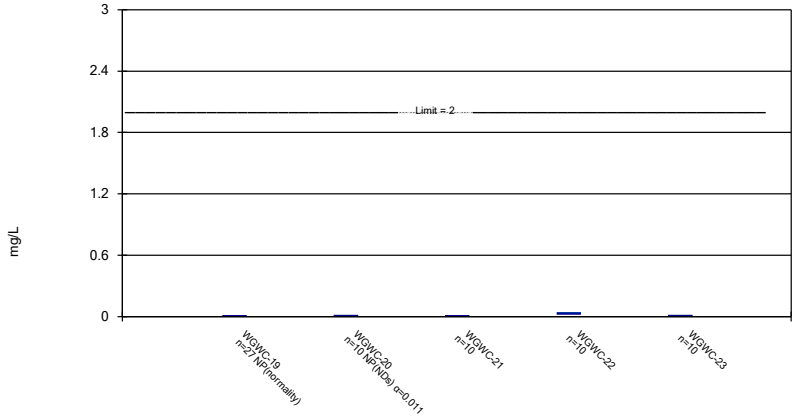


Constituent: Barium Analysis Run 4/11/2025 2:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

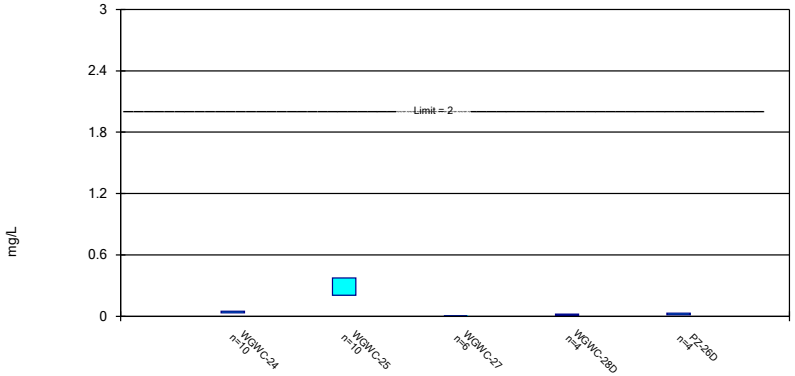


Constituent: Barium Analysis Run 4/11/2025 2:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

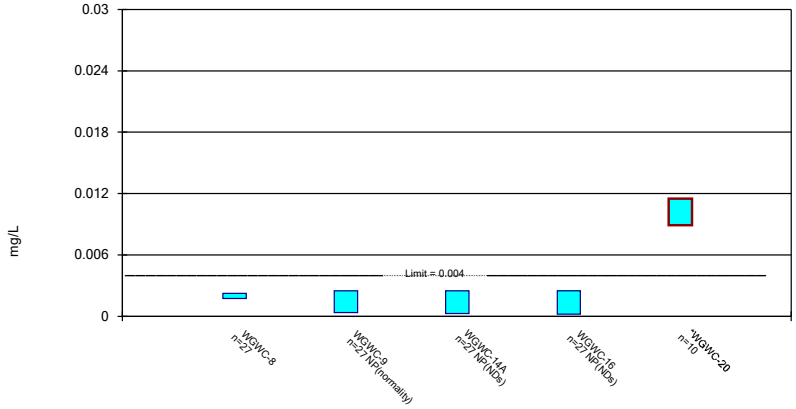


Constituent: Barium Analysis Run 4/11/2025 2:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

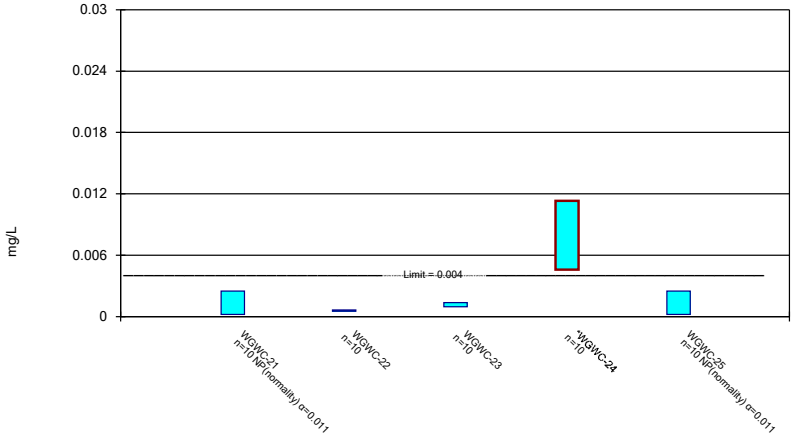


Constituent: Beryllium Analysis Run 4/11/2025 2:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

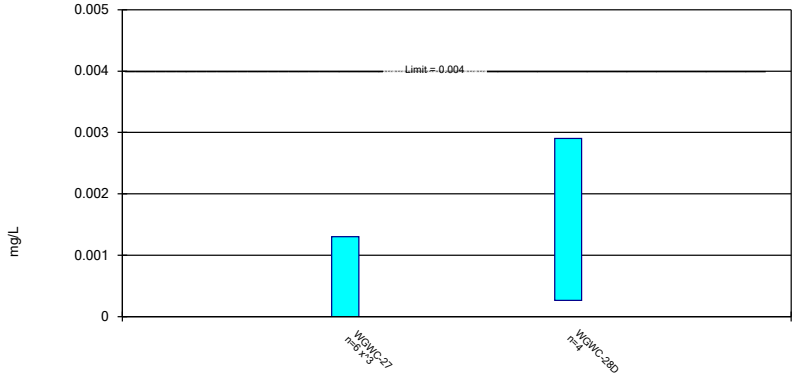


Constituent: Beryllium Analysis Run 4/11/2025 2:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

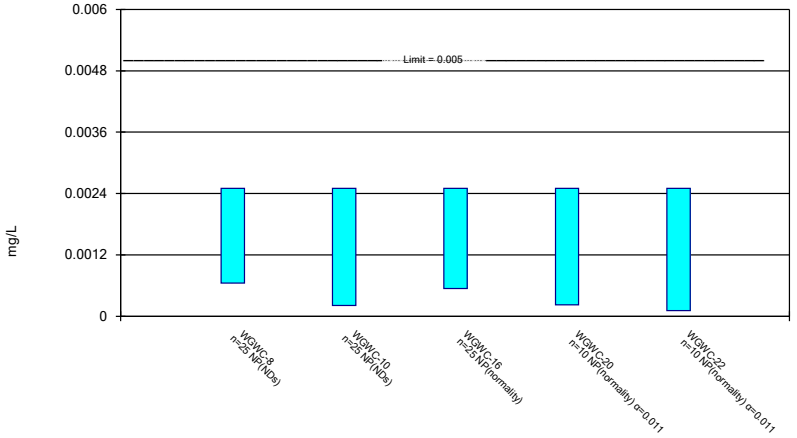


Constituent: Beryllium Analysis Run 4/11/2025 2:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.

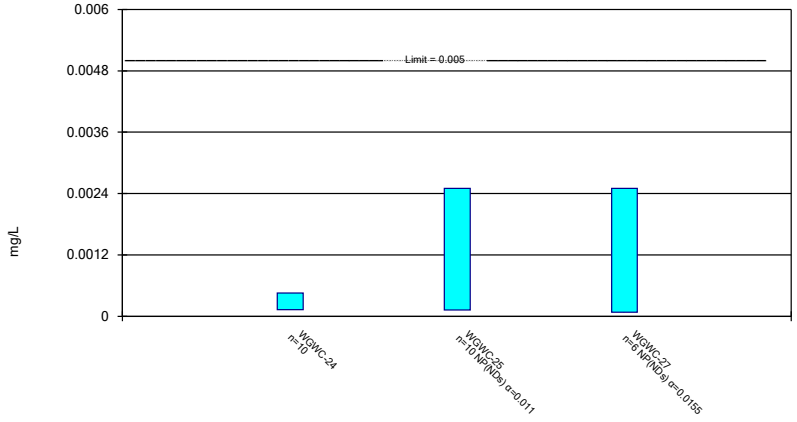


Constituent: Cadmium Analysis Run 4/11/2025 2:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

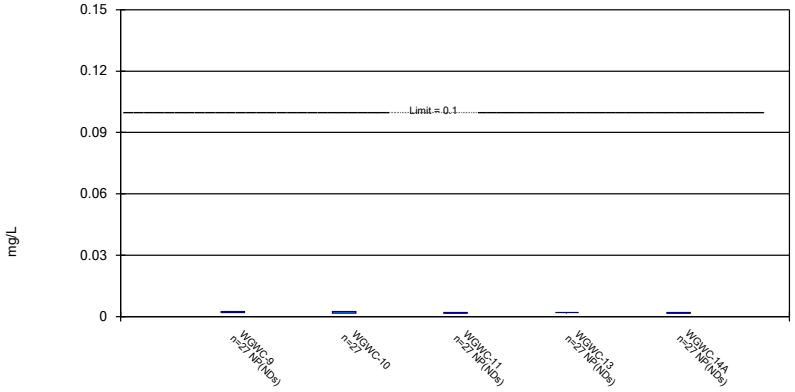


Constituent: Cadmium Analysis Run 4/11/2025 2:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 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.

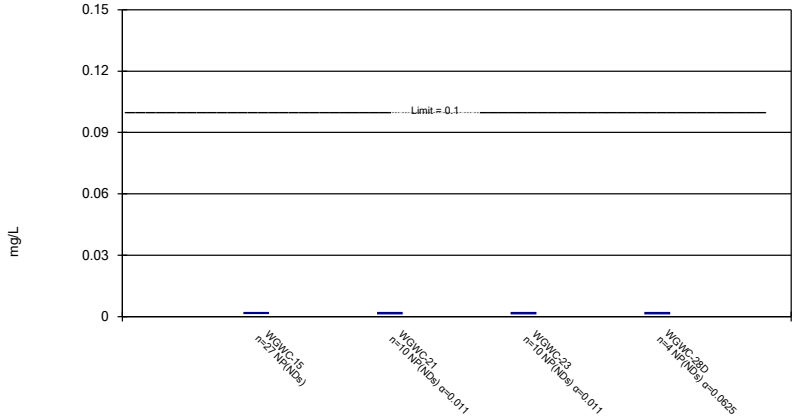


Constituent: Chromium Analysis Run 4/11/2025 2:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.

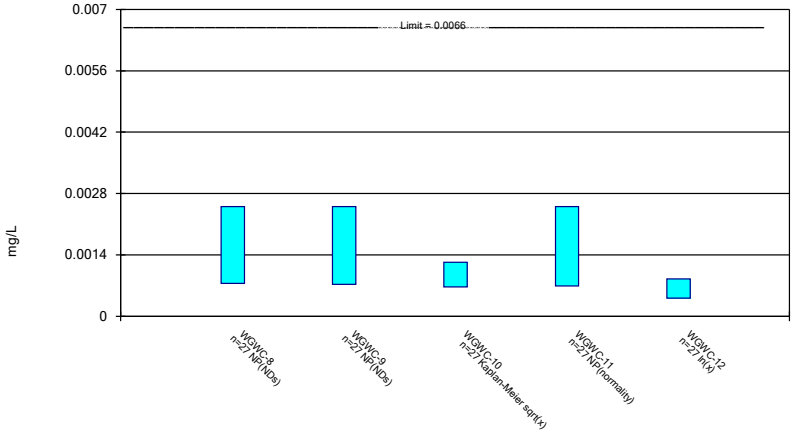


Constituent: Chromium Analysis Run 4/11/2025 2:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 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.

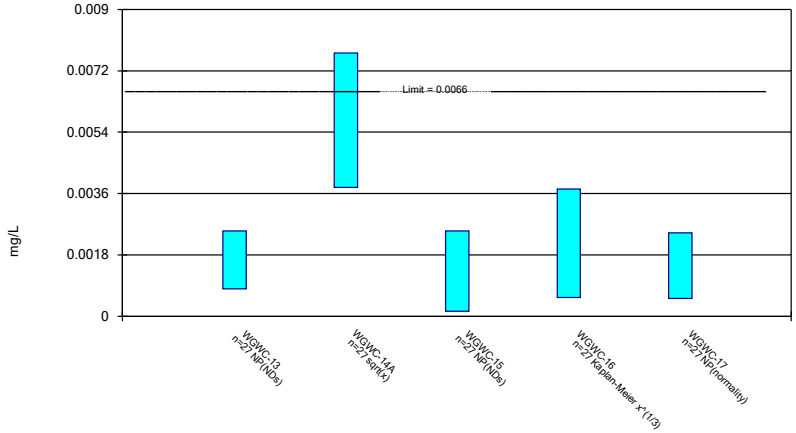


Constituent: Cobalt Analysis Run 4/11/2025 2:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 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.

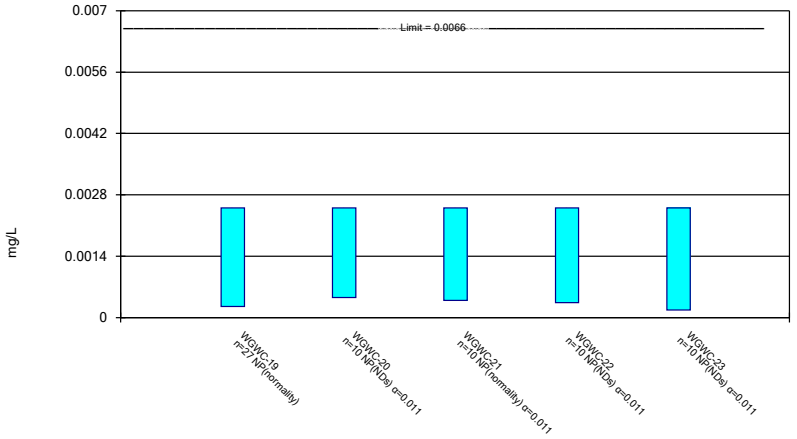


Constituent: Cobalt Analysis Run 4/11/2025 2:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.

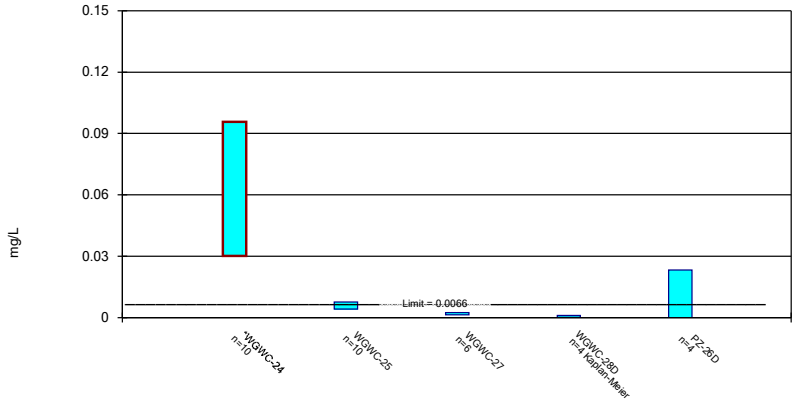


Constituent: Cobalt Analysis Run 4/11/2025 2:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Parametric Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

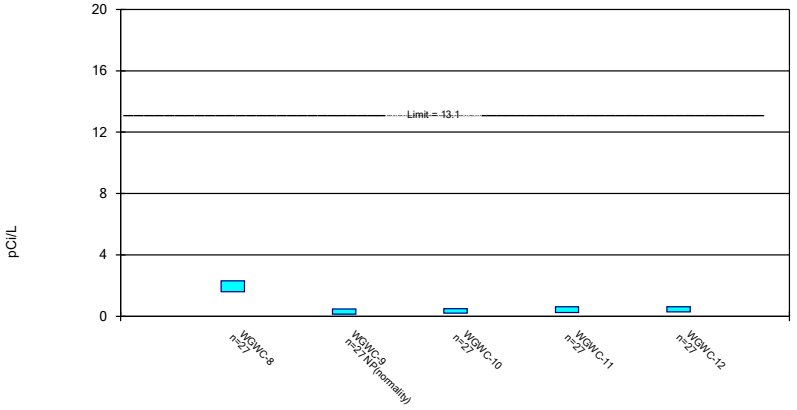


Constituent: Cobalt Analysis Run 4/11/2025 2:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 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.

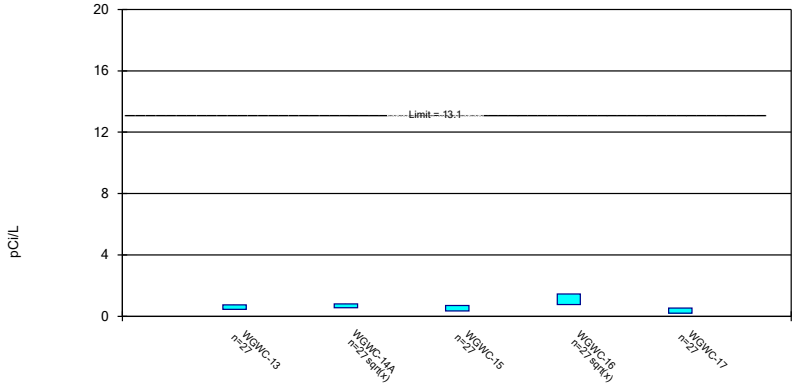


Constituent: Combined Radium 226 + 228 Analysis Run 4/11/2025 2:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 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.

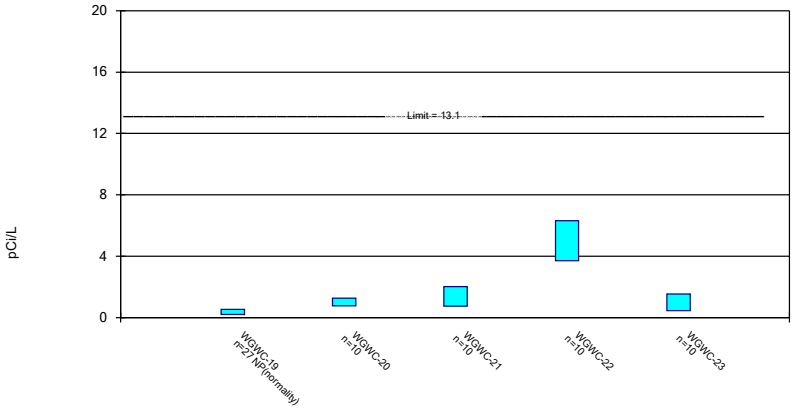


Constituent: Combined Radium 226 + 228 Analysis Run 4/11/2025 2:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 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.



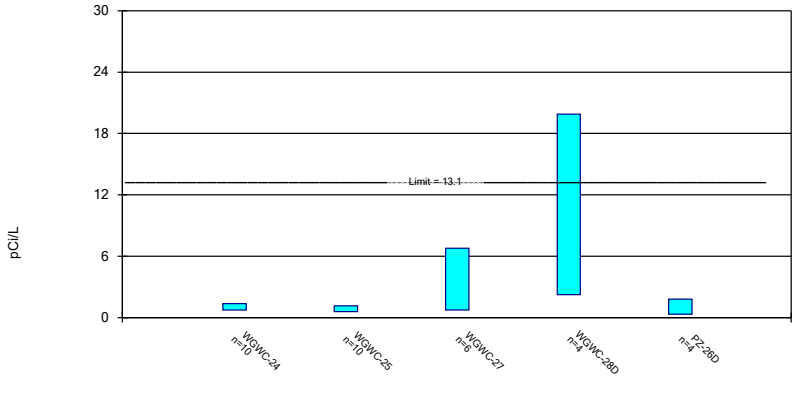
Constituent: Combined Radium 226 + 228 Analysis Run 4/11/2025 2:44 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 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.



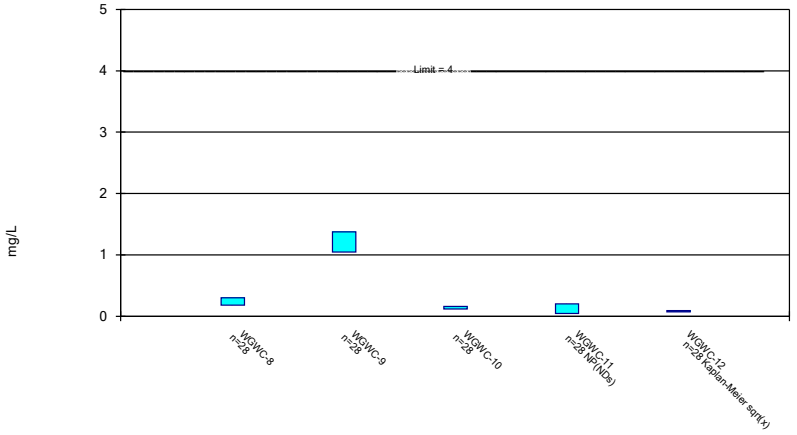
Constituent: Combined Radium 226 + 228 Analysis Run 4/11/2025 2:44 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 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.



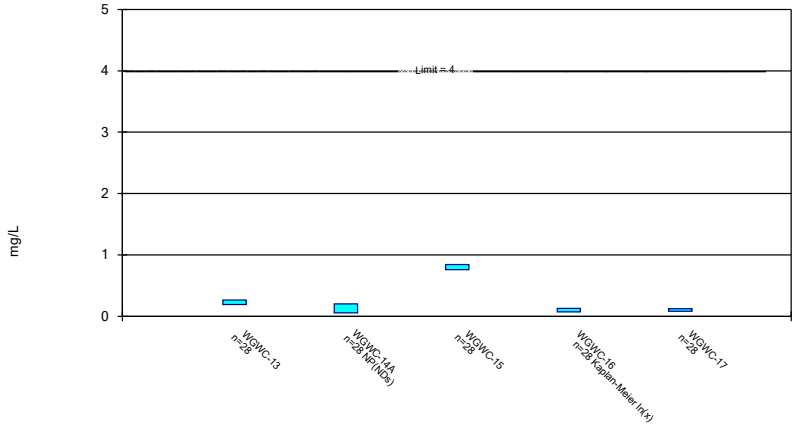
Constituent: Fluoride Analysis Run 4/11/2025 2:44 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 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.



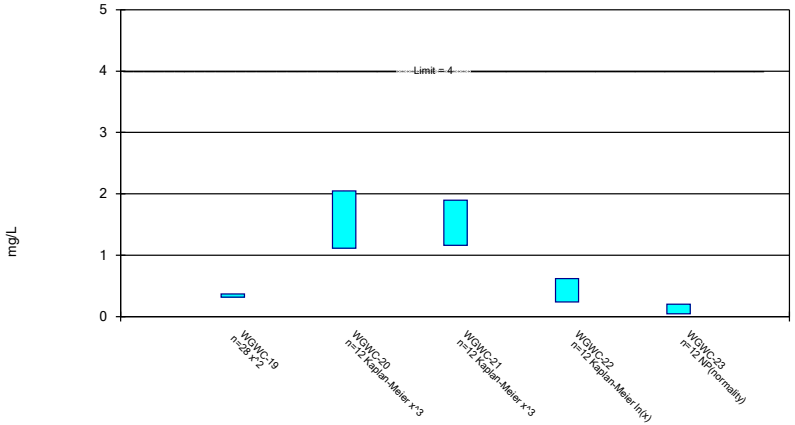
Constituent: Fluoride Analysis Run 4/11/2025 2:44 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 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.

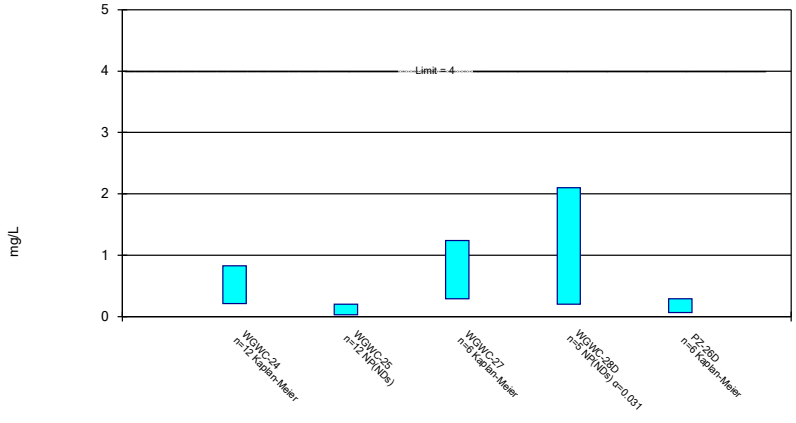


Constituent: Fluoride Analysis Run 4/11/2025 2:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 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.

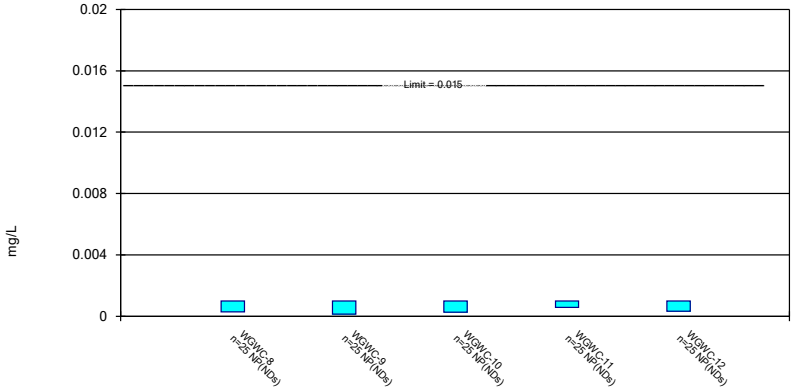


Constituent: Fluoride Analysis Run 4/11/2025 2:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

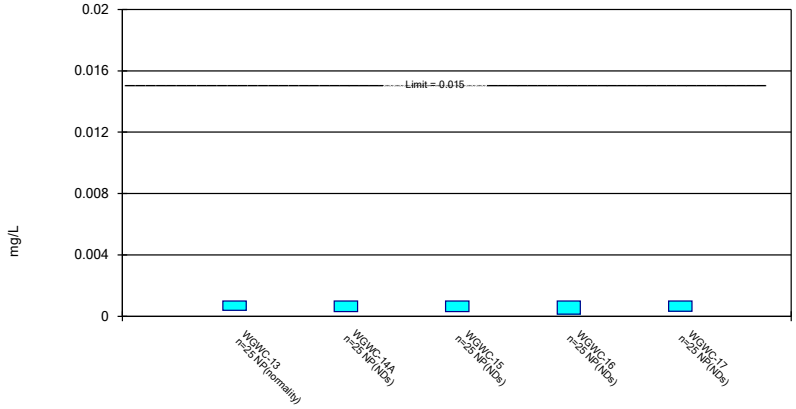


Constituent: Lead Analysis Run 4/11/2025 2:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

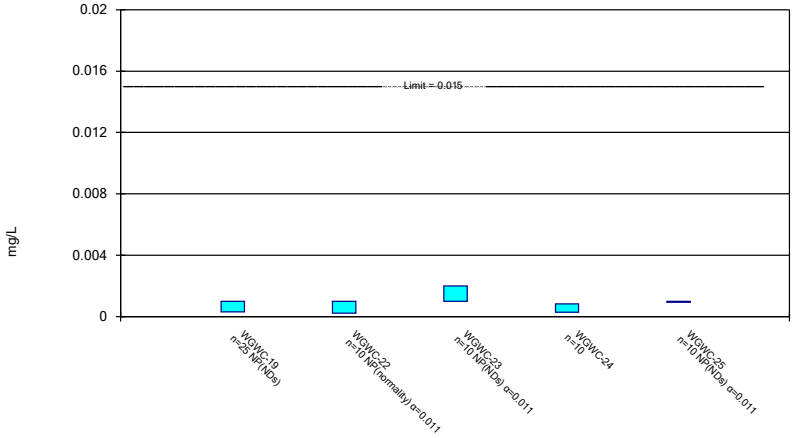


Constituent: Lead Analysis Run 4/11/2025 2:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 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.

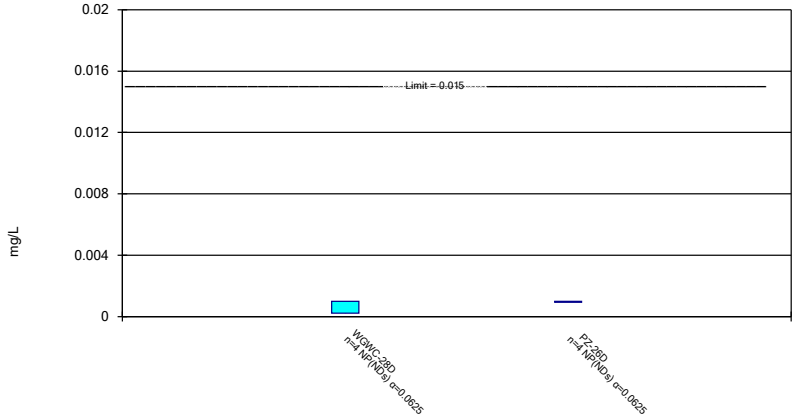


Constituent: Lead Analysis Run 4/11/2025 2:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

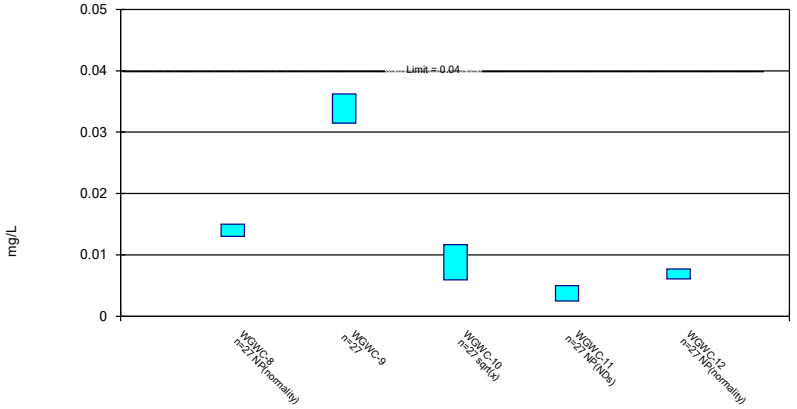


Constituent: Lead Analysis Run 4/11/2025 2:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 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.

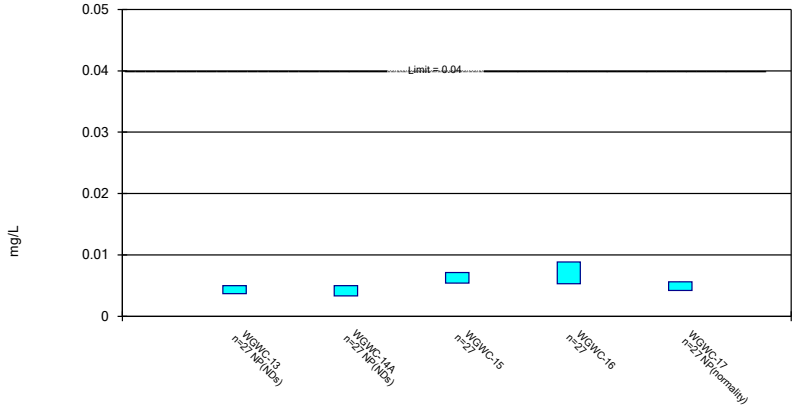


Constituent: Lithium Analysis Run 4/11/2025 2:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

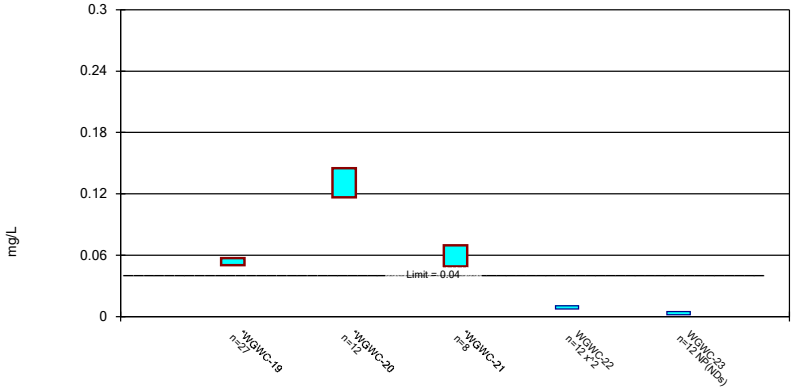


Constituent: Lithium Analysis Run 4/11/2025 2:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

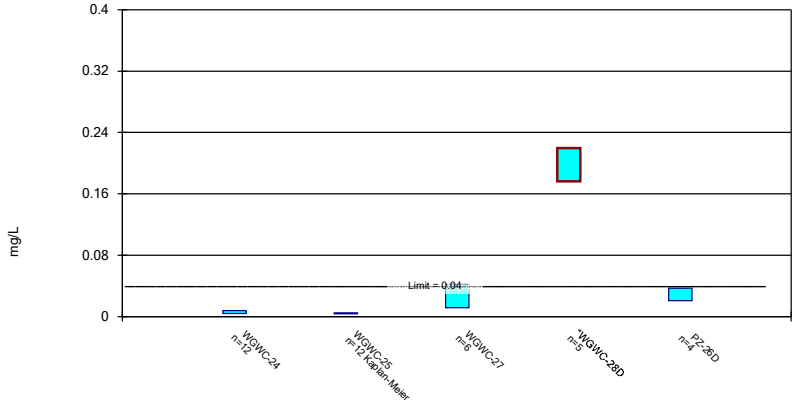


Constituent: Lithium Analysis Run 4/11/2025 2:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Parametric Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

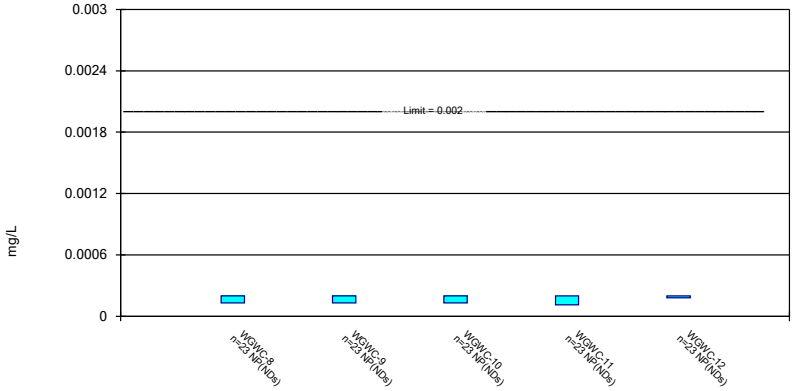


Constituent: Lithium Analysis Run 4/11/2025 2:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

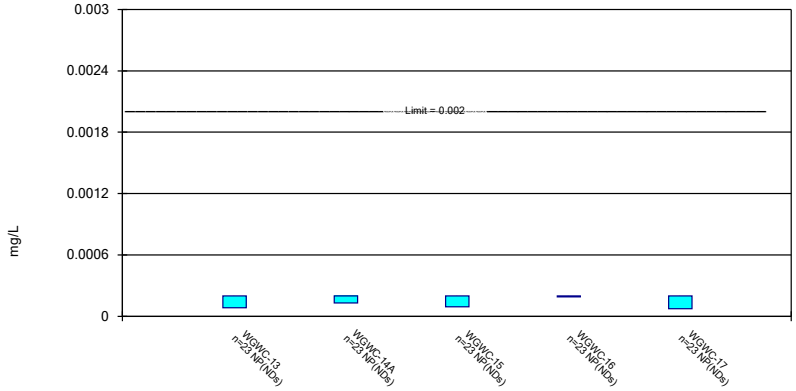


Constituent: Mercury Analysis Run 4/11/2025 2:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

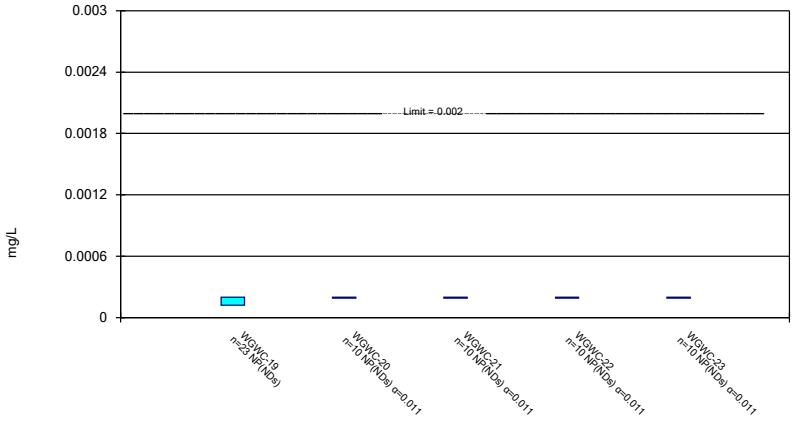


Constituent: Mercury Analysis Run 4/11/2025 2:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.

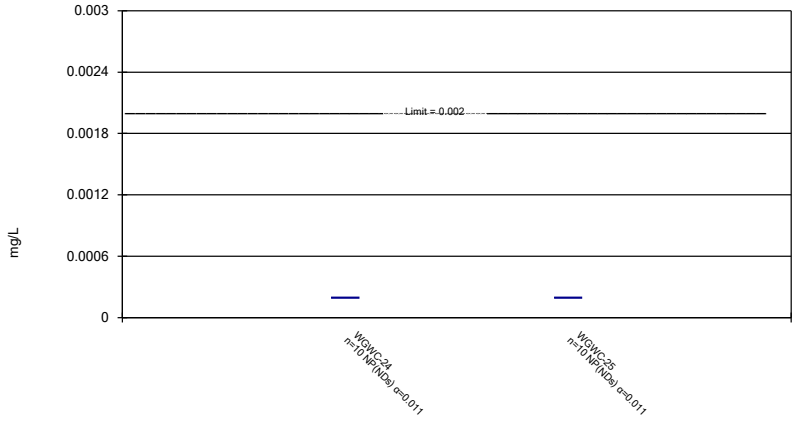


Constituent: Mercury Analysis Run 4/11/2025 2:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

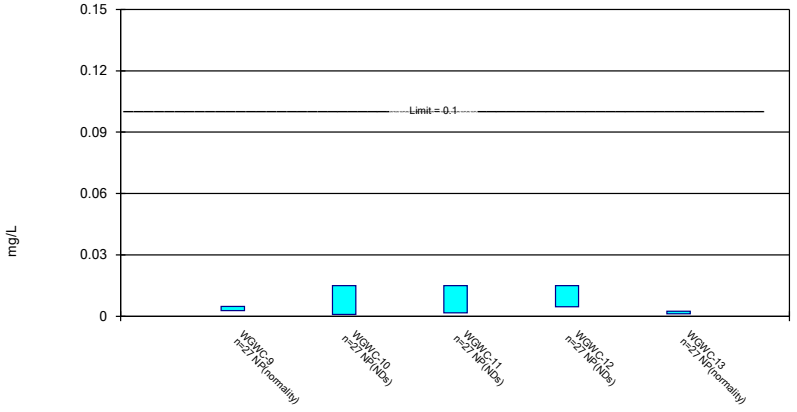


Constituent: Mercury Analysis Run 4/11/2025 2:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

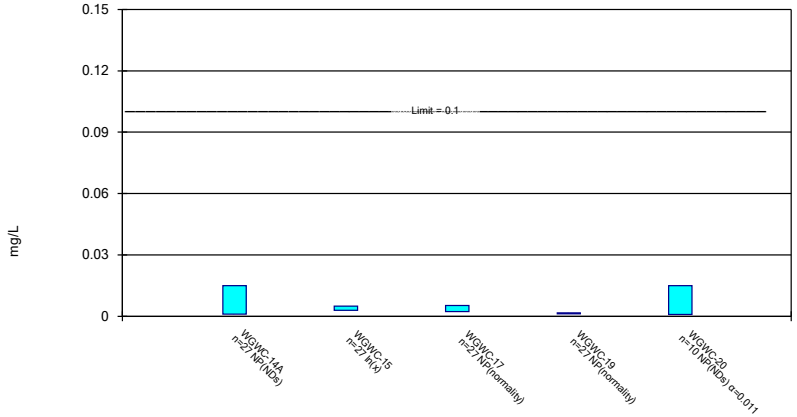


Constituent: Molybdenum Analysis Run 4/11/2025 2:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

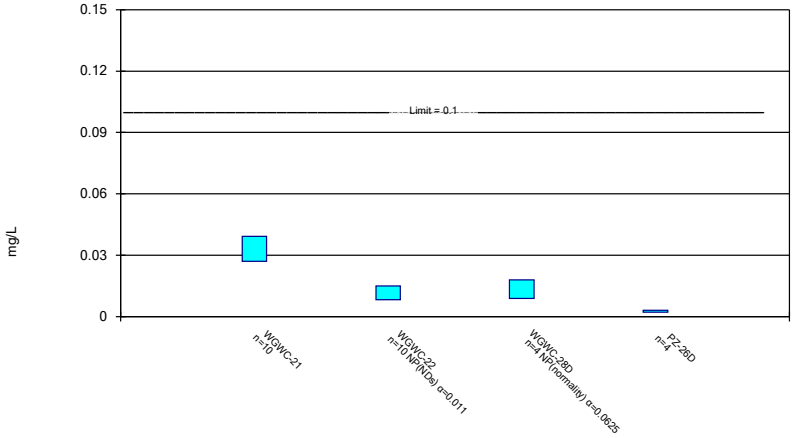


Constituent: Molybdenum Analysis Run 4/11/2025 2:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 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.

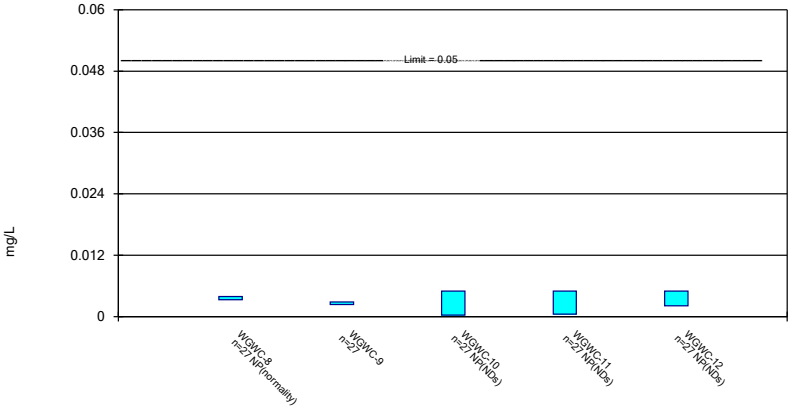


Constituent: Molybdenum Analysis Run 4/11/2025 2:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 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.

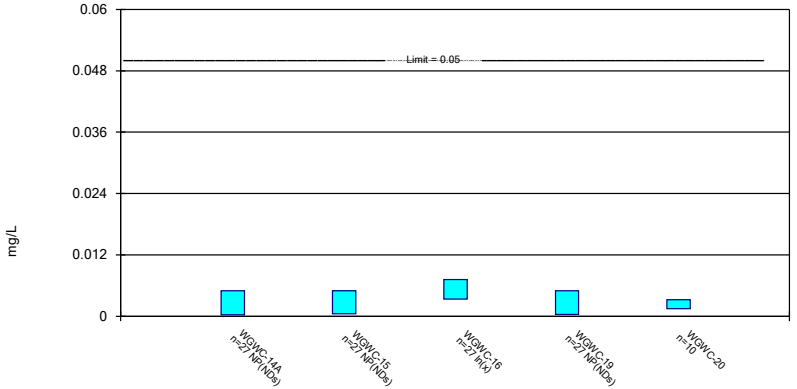


Constituent: Selenium Analysis Run 4/11/2025 2:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 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.

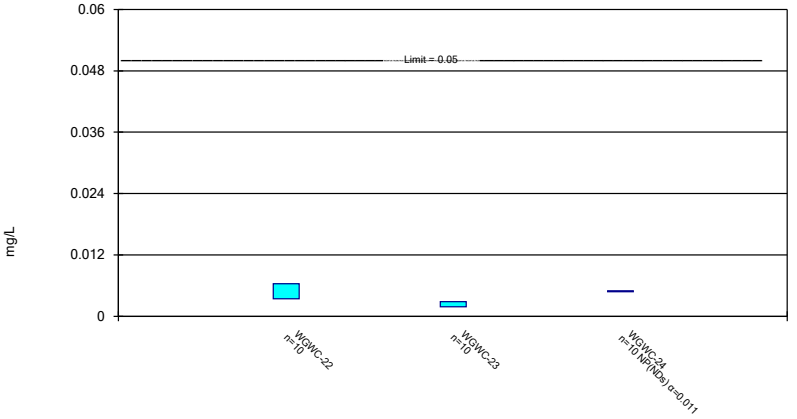


Constituent: Selenium Analysis Run 4/11/2025 2:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

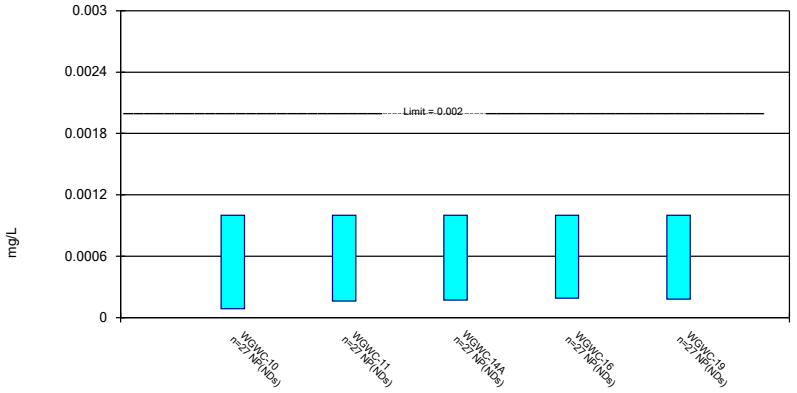
Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Selenium Analysis Run 4/11/2025 2:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

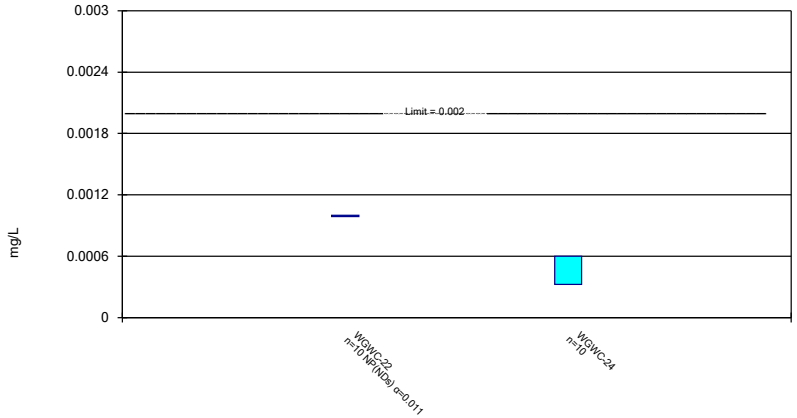


Constituent: Thallium Analysis Run 4/11/2025 2:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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: Thallium Analysis Run 4/11/2025 2:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-11	WGWC-12	WGWC-19
5/19/2016	<0.002	<0.002	<0.002	<0.002	
7/20/2016	<0.002	<0.002	<0.002	<0.002	
9/14/2016		<0.002	<0.002	<0.002	
9/15/2016	<0.002				
11/11/2016			<0.002	<0.002	<0.002
11/14/2016	<0.002				
1/27/2017			<0.002	<0.002	
2/6/2017	<0.002				<0.002
2/9/2017		<0.002			
3/15/2017	<0.002	0.0011 (J)	<0.002	<0.002	<0.002
4/11/2017		<0.002			<0.002
4/26/2017	<0.002	<0.002	<0.002	<0.002	<0.002
6/7/2017					<0.002
7/11/2017					<0.002
8/10/2017	<0.002	<0.002	<0.002	0.0023 (J)	<0.002
3/29/2018	<0.002	<0.002	<0.002	<0.002	<0.002
2/27/2019	<0.002		<0.002	<0.002	
2/28/2019		<0.002			<0.002
2/5/2020		<0.002	<0.002	<0.002	
2/7/2020	<0.002				<0.002
2/3/2021	<0.002		<0.002	<0.002	<0.002
2/4/2021		0.00041 (J)			
3/11/2021	<0.002				<0.002
3/12/2021		<0.002	<0.002	<0.002	
8/25/2021			<0.002	<0.002	
8/26/2021	<0.002	<0.002			<0.002
3/3/2022	<0.002	0.008	<0.002		<0.002
3/4/2022				<0.002	
8/16/2022	0.011		0.00053 (J)		
8/17/2022		0.0043			0.00058 (J)
8/18/2022				<0.002	
2/15/2023		0.00048 (J)			
2/16/2023	0.00064 (J)		<0.002	<0.002	<0.002
8/15/2023	0.0079				
8/16/2023		0.0011 (J)	<0.002	<0.002	<0.002
2/13/2024	<0.002				
2/14/2024		0.0063		<0.002	
2/15/2024					<0.002
2/16/2024			<0.002		
7/31/2024			<0.002	<0.002	<0.002
8/1/2024	0.0074	0.001 (J)			
2/11/2025	<0.002	0.0079	<0.002	<0.002	
2/13/2025					<0.002
Mean	0.002902	0.0026	0.00193	0.002014	0.001932
Std. Dev.	0.002547	0.002174	0.0003208	6.547E-05	0.0003099
Upper Lim.	0.0074	0.0043	0.002	0.0023	0.002
Lower Lim.	0.00064	0.0011	0.00053	0.002	0.00058

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

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-27
8/26/2021	<0.002	0.00076 (J)	<0.002	<0.002	
1/11/2022		<0.002	0.00078 (J)	0.0012 (J)	
1/12/2022	0.00066 (J)				
3/3/2022		0.00053 (J)			
3/4/2022	0.0011 (J)		0.00082 (J)	0.0018 (J)	
6/6/2022		<0.002		0.0013 (J)	
6/7/2022	<0.002		0.00054 (J)		
8/16/2022		0.00055 (J)			
8/17/2022				<0.002	
8/18/2022	<0.002				
8/19/2022			<0.002		
10/19/2022					<0.002
2/15/2023			0.0012 (J)	0.0022	
2/16/2023	<0.002	<0.002			0.00047 (J)
8/11/2023	0.00069 (J)				0.0015 (J)
8/17/2023		<0.002	<0.002	<0.002	
2/13/2024	0.00044 (J)				
2/14/2024			0.00076 (J)		
2/15/2024		<0.002		<0.002	0.00056 (J)
7/31/2024	<0.002			<0.002	
8/1/2024		<0.002			<0.002
8/2/2024			<0.002		
2/12/2025	<0.002		<0.002		<0.002
2/13/2025		<0.002		<0.002	
Mean	0.001489	0.001584	0.00141	0.00185	0.001422
Std. Dev.	0.0006786	0.0006725	0.000642	0.0003308	0.0007291
Upper Lim.	0.002	0.002	0.002	0.002	0.002
Lower Lim.	0.00066	0.00055	0.00076	0.0013	0.00047

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

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-28D	PZ-26D
8/17/2023		0.00038 (J)
9/26/2023	0.00057 (J)	
2/14/2024	<0.002	
2/15/2024		<0.002
8/1/2024	<0.002	<0.002
2/12/2025	<0.002	
2/13/2025		<0.002
Mean	0.001643	0.001595
Std. Dev.	0.000715	0.00081
Upper Lim.	0.002	0.002
Lower Lim.	0.00057	0.00038

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

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12
5/18/2016			<0.001		
5/19/2016	<0.001	<0.001		<0.001	<0.001
7/20/2016	0.00055 (J)	0.00078 (J)	<0.001	<0.001	<0.001
9/14/2016		<0.001	<0.001	<0.001	<0.001
9/15/2016	<0.001				
11/11/2016			<0.001	<0.001	<0.001
11/14/2016	<0.001				
1/27/2017				0.00047 (J)	<0.001
2/6/2017	<0.001		<0.001		
2/9/2017		0.0017			
3/15/2017	<0.001	0.00047 (J)	<0.001	<0.001	<0.001
4/11/2017		<0.001			
4/26/2017	<0.001	<0.001	<0.001	<0.001	<0.001
8/10/2017	<0.001	<0.001	<0.001	<0.001	0.00048 (J)
3/29/2018	<0.001	<0.001		<0.001	<0.001
3/30/2018			<0.001		
6/14/2018	<0.001	<0.001	0.0005 (J)	<0.001	0.00052 (J)
10/4/2018	0.0015	<0.001	0.00089 (J)	0.00054 (J)	<0.001
2/27/2019	0.00047 (J)		<0.001	<0.001	<0.001
2/28/2019		<0.001			
4/3/2019	<0.001	<0.001		<0.001	<0.001
4/4/2019			<0.001		
9/19/2019	0.00032 (J)	<0.001	0.00038 (J)	<0.001	<0.001
2/5/2020		<0.001	0.00035 (J)	<0.001	<0.001
2/7/2020	0.0011				
3/18/2020			<0.001	<0.001	<0.001
3/19/2020	0.00071 (J)	<0.001			
9/22/2020	0.0011				
9/23/2020		<0.001	<0.001		<0.001
9/24/2020				0.00051 (J)	
2/3/2021	0.0013			<0.001	<0.001
2/4/2021		<0.001	<0.001		
3/11/2021	0.0009 (J)		0.00031 (J)		
3/12/2021		<0.001		<0.001	<0.001
8/25/2021				<0.001	<0.001
8/26/2021	0.0013	<0.001	<0.001		
3/3/2022	0.0014	<0.001	<0.001	<0.001	
3/4/2022					0.00037 (J)
8/16/2022	0.00097 (J)			<0.001	
8/17/2022		<0.001			
8/18/2022					<0.001
8/19/2022			<0.001		
2/15/2023		<0.001			
2/16/2023	<0.001		<0.001	<0.001	<0.001
8/15/2023	0.00087 (J)				
8/16/2023		<0.001		<0.001	<0.001
8/17/2023			<0.001		
2/13/2024	0.0017				
2/14/2024		<0.001			0.001
2/15/2024			<0.001		
2/16/2024				<0.001	
7/31/2024			<0.001	<0.001	<0.001

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

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12
8/1/2024	0.0016	<0.001			
2/11/2025	0.0012	<0.001		<0.001	<0.001
2/13/2025			<0.001		
Mean	0.001037	0.0009981	0.0009048	0.0009452	0.0009396
Std. Dev.	0.0003114	0.0001775	0.0002236	0.0001583	0.0001753
Upper Lim.	0.001054	0.001	0.001	0.001	0.001
Lower Lim.	0.0006887	0.00078	0.00089	0.00054	0.001

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

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
5/18/2016			0.00345 (J)	<0.001	<0.001
5/19/2016	<0.001				
7/19/2016			0.0031	0.0009 (J)	
7/20/2016	<0.001				0.00058 (J)
9/14/2016	<0.001		0.0024	0.0014	<0.001
11/10/2016	<0.001		0.0023	0.0021	0.00082 (J)
1/20/2017					<0.001
1/24/2017			0.0019	0.0015	
1/27/2017	0.00066 (J)				
2/8/2017		<0.001			
2/23/2017		<0.001			
3/14/2017			0.0016		<0.001
3/15/2017	<0.001			0.0014	
3/17/2017		0.0006 (J)			
4/11/2017		0.0032			
4/25/2017			0.0019	0.0014	0.00095 (J)
4/26/2017	<0.001	0.0019			
5/17/2017		0.0014			
6/7/2017		0.0021			
7/11/2017		0.00095 (J)			
8/9/2017	<0.001		0.0017	0.0013	<0.001
3/29/2018	0.00067 (J)	<0.001		0.0014	
3/30/2018			0.0018		<0.001
6/14/2018	0.00093 (J)	<0.001	0.002	<0.001	0.00076 (J)
10/3/2018			0.0024		
10/4/2018	0.0015	0.0017		0.0013	0.00088 (J)
2/26/2019					0.0005 (J)
2/27/2019	0.00036 (J)	<0.001	0.0015	0.00046 (J)	
4/3/2019	0.00053 (J)	<0.001			
4/4/2019			0.0019	<0.001	<0.001
9/18/2019	0.00039 (J)	<0.001	0.0016	<0.001	<0.001
2/5/2020	0.00048 (J)	<0.001			
2/7/2020			0.001	<0.001	0.00075 (J)
3/18/2020			0.00088 (J)	<0.001	0.00054 (J)
3/19/2020	0.00039 (J)	<0.001			
9/23/2020			0.00061 (J)	<0.001	0.00067 (J)
9/24/2020	<0.001	<0.001			
2/4/2021	0.00038 (J)	<0.001	0.00069 (J)	<0.001	0.00035 (J)
3/11/2021	0.00035 (J)	<0.001		<0.001	<0.001
3/12/2021			0.00084 (J)		
8/25/2021	<0.001	<0.001		<0.001	<0.001
8/26/2021			0.0012		
3/3/2022	<0.001	<0.001	0.00057 (J)	<0.001	
3/4/2022					<0.001
8/16/2022					<0.001
8/17/2022			0.00052 (J)	<0.001	
8/18/2022	0.00034 (J)				
8/19/2022		<0.001			
2/15/2023			<0.001	<0.001	
2/16/2023	<0.001	<0.001			<0.001
8/15/2023				<0.001	
8/16/2023	<0.001	<0.001	<0.001		<0.001

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

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
2/15/2024	<0.001	<0.001	<0.001	<0.001	<0.001
7/30/2024				<0.001	
7/31/2024	<0.001		<0.001		<0.001
8/2/2024		<0.001			
2/11/2025					<0.001
2/12/2025	<0.001	<0.001		<0.001	
2/13/2025			<0.001		
Mean	0.0008141	0.00118	0.001513	0.001117	0.0008815
Std. Dev.	0.0003059	0.0005115	0.0007641	0.0002917	0.0001921
Upper Lim.	0.001	0.0014	0.001695	0.0013	0.001
Lower Lim.	0.00048	0.001	0.0009401	0.001	0.00076

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

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-20	WGWC-21	WGWC-22	WGWC-24	WGWC-25
8/26/2021	0.00031 (J)	0.00057 (J)	<0.001	0.0033	<0.001
1/11/2022		0.00036 (J)	<0.001	0.0017	<0.001
1/12/2022	0.00052 (J)				
3/3/2022		0.00053 (J)		0.0029	
3/4/2022	0.00078 (J)		0.00046 (J)		<0.001
6/6/2022		0.00083 (J)		0.00054 (J)	
6/7/2022	0.00033 (J)		0.00029 (J)		<0.001
8/16/2022		0.00028 (J)			
8/17/2022					<0.001
8/18/2022	<0.001			0.00028 (J)	
8/19/2022			<0.001		
2/15/2023			<0.001	<0.001	<0.001
2/16/2023	<0.001	<0.001			
8/11/2023	<0.001				
8/15/2023					<0.001
8/17/2023		<0.001	<0.001	<0.001	
2/13/2024	0.001				
2/14/2024			0.0011	0.0012	
2/15/2024		<0.001			0.00096 (J)
7/31/2024	0.0012			<0.001	<0.001
8/1/2024		<0.001			
8/2/2024			<0.001		
2/12/2025	<0.001		<0.001		<0.001
2/13/2025		<0.001		<0.001	
Mean	0.000814	0.000757	0.000885	0.001392	0.000996
Std. Dev.	0.0003158	0.0002929	0.0002735	0.0009789	1.265E-05
Upper Lim.	0.000959	0.001	0.001	0.001912	0.001
Lower Lim.	0.0003444	0.00036	0.00046	0.0003128	0.001

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

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-28D
9/26/2023	0.0013
2/14/2024	0.0022
8/1/2024	0.0025
2/12/2025	<0.001
Mean	0.00175
Std. Dev.	0.0007141
Upper Lim.	0.003154
Lower Lim.	0.0003459

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

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12
5/18/2016			0.0391		
5/19/2016	0.0026 (J)	<0.01		0.031	0.0214
7/20/2016	0.0017 (J)	0.0014 (J)	0.028	0.029	0.019
9/14/2016		0.00092 (J)	0.035	0.031	0.02
9/15/2016	0.0039				
11/11/2016			0.042	0.034	0.022
11/14/2016	0.00085 (J)				
1/27/2017				0.042	0.023
2/6/2017	0.0011 (J)		0.041		
2/9/2017		0.0015 (J)			
3/15/2017	0.0013 (J)	0.00054 (J)	0.04	0.032	0.024
4/11/2017		0.0007 (J)			
4/26/2017	0.00098 (J)	<0.01	0.039	0.03	0.004
8/10/2017	0.0025	0.00053 (J)	0.038	0.03	0.017
3/29/2018	0.00085 (J)	<0.01		0.028	0.017
3/30/2018			0.042		
6/14/2018	0.0028	0.00088 (J)	0.038	0.03	0.015
10/4/2018	0.0017 (J)	0.00076 (J)	0.04	0.035	0.017
2/27/2019	<0.01		0.04	0.04	0.016
2/28/2019		0.0023 (J)			
4/3/2019	0.001 (J)	<0.01		0.035	0.015
4/4/2019			0.04		
9/19/2019	<0.01	0.0018 (J)	0.038	0.033	0.016
2/5/2020		0.0022 (J)	0.061	0.047	0.016
2/7/2020	<0.01				
3/18/2020			0.035	0.038	0.016
3/19/2020	<0.01	0.0021 (J)			
9/22/2020	<0.01				
9/23/2020		<0.01	0.035		0.016
9/24/2020				0.061	
2/3/2021	<0.01			0.039	0.015
2/4/2021		0.0016 (J)	0.035		
3/11/2021	<0.01		0.033		
3/12/2021		<0.01		0.045	0.017
8/25/2021				0.04	0.016
8/26/2021	<0.01	<0.01	0.032		
3/3/2022	<0.01	<0.01	0.033	0.04	
3/4/2022					0.016
8/16/2022	0.0014 (J)			0.038	
8/17/2022		<0.01			
8/18/2022					0.014
8/19/2022			0.03		
2/15/2023		<0.01			
2/16/2023	0.00093 (J)		0.032	0.041	0.014
8/15/2023	0.0019 (J)				
8/16/2023		<0.01		0.044	0.017
8/17/2023			0.036		
2/13/2024	0.0014 (J)				
2/14/2024		<0.01			0.017
2/15/2024			0.034		
2/16/2024				0.042	
7/31/2024			0.034	0.05	0.016

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

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12
8/1/2024	0.0021 (J)	<0.01			
2/11/2025	0.0015 (J)	0.0018 (J)		0.053	0.018
2/13/2025			0.032		
Mean	0.004463	0.00552	0.03711	0.03844	0.01683
Std. Dev.	0.004045	0.004422	0.00608	0.008035	0.003667
Upper Lim.	0.01	0.01	0.03937	0.04228	0.018
Lower Lim.	0.0013	0.0014	0.03422	0.03461	0.015

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

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
5/18/2016			0.0206	0.0715	0.0219
5/19/2016	0.055				
7/19/2016			0.019	0.069	
7/20/2016	0.039				0.019
9/14/2016	0.04		0.02	0.066	0.017
11/10/2016	0.04		0.02	0.069	0.02
1/20/2017					0.018
1/24/2017			0.017	0.068	
1/27/2017	0.042				
2/8/2017		0.037			
2/23/2017		0.051			
3/14/2017			0.018		0.019
3/15/2017	0.058			0.065	
3/17/2017		0.046			
4/11/2017		0.055			
4/25/2017			0.018	0.057	0.023
4/26/2017	0.054	0.042			
5/17/2017		0.052			
6/7/2017		0.06			
7/11/2017		0.038			
8/9/2017	0.055		0.02	0.069	0.017
3/29/2018	0.061	0.028		0.05	
3/30/2018			0.021		0.015
6/14/2018	0.055	0.023	0.022	0.046	0.013
10/3/2018			0.024		
10/4/2018	0.046	0.036		0.046	0.013
2/26/2019					0.012
2/27/2019	0.054	0.028	0.023	0.028	
4/3/2019	0.056	0.026			
4/4/2019			0.022	0.027	0.011
9/18/2019	0.062	0.025	0.026	0.032	0.011
2/5/2020	0.052	0.077			
2/7/2020			0.022	0.034	0.011
3/18/2020			0.021	0.034	0.012
3/19/2020	0.072	0.031			
9/23/2020			0.027	0.037	0.012
9/24/2020	0.038	0.034			
2/4/2021	0.047	0.029	0.028	0.039	0.012
3/11/2021	0.049	0.032		0.037	0.011
3/12/2021			0.028		
8/25/2021	0.046	0.03		0.035	0.011
8/26/2021			0.029		
3/3/2022	0.045	0.029	0.029	0.041	
3/4/2022					0.011
8/16/2022					0.011
8/17/2022			0.027	0.032	
8/18/2022	0.041				
8/19/2022		0.026			
2/15/2023			0.029	0.044	
2/16/2023	0.037	0.028			0.01
8/15/2023				0.039	
8/16/2023	0.042	0.026	0.03		0.012

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
2/15/2024	0.037	0.027	0.031	0.045	0.011
7/30/2024				0.043	
7/31/2024	0.045		0.033		0.012
8/2/2024		0.027			
2/11/2025					0.012
2/12/2025	0.04	0.027		0.04	
2/13/2025			0.033		
Mean	0.04844	0.03593	0.02436	0.0468	0.014
Std. Dev.	0.008984	0.01307	0.00484	0.01444	0.003835
Upper Lim.	0.05273	0.042	0.02666	0.05269	0.017
Lower Lim.	0.04416	0.027	0.02205	0.03933	0.011

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23
11/11/2016	0.0022 (J)				
2/6/2017	0.0018 (J)				
3/15/2017	0.0015 (J)				
4/11/2017	0.0014 (J)				
4/26/2017	0.0014 (J)				
6/7/2017	0.0014 (J)				
7/11/2017	0.0013 (J)				
8/10/2017	0.0012 (J)				
3/29/2018	0.00097 (J)				
6/14/2018	0.0011 (J)				
10/4/2018	0.0012 (J)				
2/28/2019	<0.01				
4/2/2019	0.0013 (J)				
9/18/2019	<0.01				
2/7/2020	0.0065 (J)				
5/4/2020	<0.01				
9/23/2020	<0.01				
2/3/2021	<0.01				
3/11/2021	<0.01				
8/26/2021	<0.01	<0.01	0.0086 (J)	0.031	0.0078 (J)
1/11/2022			0.0076 (J)	0.04	0.0072 (J)
1/12/2022		<0.01			
3/3/2022	<0.01		0.0068 (J)		
3/4/2022		<0.01		0.038	0.0081 (J)
6/6/2022			0.0079 (J)		0.0097 (J)
6/7/2022		<0.01		0.025	
8/16/2022			0.0039 (J)		
8/17/2022	0.0012 (J)				0.0089 (J)
8/18/2022		0.00091 (J)			
8/19/2022				0.023	
2/15/2023				0.033	0.0055 (J)
2/16/2023	0.00096 (J)	<0.01	0.0053 (J)		
8/11/2023		<0.01			
8/16/2023	0.0014 (J)				
8/17/2023			0.0044 (J)	0.021	0.01
2/13/2024		<0.01			
2/14/2024				0.041	
2/15/2024	0.0012 (J)		0.0064 (J)		0.005 (J)
7/31/2024	0.001 (J)	<0.01			0.011
8/1/2024			0.0047 (J)		
8/2/2024				0.021	
2/12/2025		<0.01		0.022	
2/13/2025	0.0077 (J)		0.0038 (J)		0.015
Mean	0.004323	0.009091	0.00594	0.0295	0.00882
Std. Dev.	0.004059	0.002875	0.001754	0.008114	0.002885
Upper Lim.	0.0077	0.01	0.007505	0.03674	0.01139
Lower Lim.	0.0012	0.01	0.004375	0.02226	0.006246

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

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-24	WGWC-25	WGWC-27	WGWC-28D	PZ-26D
8/26/2021	0.042	0.41			
1/11/2022	0.029	0.38			
3/3/2022	0.028				
3/4/2022		0.38			
6/6/2022	0.032				
6/7/2022		0.34			
8/17/2022		0.31			
8/18/2022	0.041				
10/19/2022			0.0036 (J)		
2/15/2023	0.036	0.33			
2/16/2023			0.0049 (J)		
8/11/2023			0.0047 (J)		
8/15/2023		0.19			
8/17/2023	0.046				0.024
9/26/2023				0.016	
2/14/2024	0.052			0.017	
2/15/2024		0.14	0.004 (J)		0.021
7/31/2024	0.047	0.23			
8/1/2024			0.0042 (J)	0.011	0.024
2/12/2025		0.19	0.0034 (J)	0.011	
2/13/2025	0.051				0.017
Mean	0.0404	0.29	0.004133	0.01375	0.0215
Std. Dev.	0.008809	0.09499	0.0005922	0.003202	0.003317
Upper Lim.	0.04826	0.3747	0.004947	0.02102	0.02903
Lower Lim.	0.03254	0.2053	0.00332	0.006481	0.01397

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-14A	WGWC-16	WGWC-20
5/18/2016				<0.0025	
5/19/2016	0.00102 (J)	<0.0025			
7/19/2016				<0.0025	
7/20/2016	0.0014 (J)	<0.0025			
9/14/2016		<0.0025		<0.0025	
9/15/2016	0.00093 (J)				
11/10/2016				<0.0025	
11/14/2016	0.0014 (J)				
1/24/2017				<0.0025	
2/6/2017	0.0017 (J)				
2/8/2017			<0.0025		
2/9/2017		0.00041 (J)			
2/23/2017			<0.0025		
3/15/2017	0.0016 (J)	<0.0025		<0.0025	
3/17/2017			<0.0025		
4/11/2017		<0.0025	<0.0025		
4/25/2017				<0.0025	
4/26/2017	0.0017 (J)	<0.0025	<0.0025		
5/17/2017			<0.0025		
6/7/2017			<0.0025		
7/11/2017			<0.0025		
8/9/2017				<0.0025	
8/10/2017	0.0017 (J)	0.00034 (J)			
3/29/2018	0.0018 (J)	<0.0025	<0.0025	<0.0025	
6/14/2018	0.0015 (J)	<0.0025	<0.0025	<0.0025	
10/4/2018	0.0019 (J)	0.00036 (J)	<0.0025	<0.0025	
2/27/2019	0.0021 (J)		0.00017 (J)	0.00022 (J)	
2/28/2019		0.00031 (J)			
4/3/2019	0.0019 (J)	<0.0025	<0.0025		
4/4/2019				<0.0025	
9/18/2019			0.00032 (J)	<0.0025	
9/19/2019	0.0019	0.00041 (J)			
2/5/2020		0.0004 (J)	0.00024 (J)		
2/7/2020	0.0023			<0.0025	
3/18/2020				<0.0025	
3/19/2020	0.0028	0.00056 (J)	0.00025 (J)		
9/22/2020	0.0025				
9/23/2020		0.00034 (J)		<0.0025	
9/24/2020			0.00024 (J)		
2/3/2021	0.0025				
2/4/2021		0.00039 (J)	0.00026 (J)	<0.0025	
3/11/2021	0.0022 (J)		<0.0025	<0.0025	
3/12/2021		0.00034 (J)			
8/25/2021			<0.0025	<0.0025	
8/26/2021	0.002 (J)	0.00038 (J)			0.0081
1/12/2022					0.012
3/3/2022	0.0027	0.00036 (J)	<0.0025	<0.0025	
3/4/2022					0.01
6/7/2022					0.0089
8/16/2022	0.0018 (J)				
8/17/2022		0.00033 (J)		<0.0025	
8/18/2022					0.0081

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

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-14A	WGWC-16	WGWC-20
8/19/2022			<0.0025		
2/15/2023		0.00044 (J)		<0.0025	
2/16/2023	0.0025		0.00031 (J)		0.011
8/11/2023					0.0099
8/15/2023	0.0024 (J)			<0.0025	
8/16/2023		0.0004 (J)	0.00023 (J)		
2/13/2024	0.0027				0.012
2/14/2024		0.00037 (J)			
2/15/2024			0.00026 (J)	<0.0025	
7/30/2024				<0.0025	
7/31/2024					0.011
8/1/2024	0.0023 (J)	0.0004 (J)			
8/2/2024			0.00025 (J)		
2/11/2025	0.0027	0.00035 (J)			
2/12/2025			0.00027 (J)	<0.0025	0.011
Mean	0.001998	0.001089	0.001585	0.002416	0.0102
Std. Dev.	0.0005139	0.001018	0.001125	0.0004388	0.001454
Upper Lim.	0.002243	0.0025	0.0025	0.0025	0.0115
Lower Lim.	0.001753	0.00036	0.00026	0.00022	0.008902

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

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25
8/26/2021	<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)
3/3/2022	<0.0025			0.01	
3/4/2022		0.00066 (J)	0.00097 (J)		<0.0025
6/6/2022	<0.0025		0.0011 (J)	0.0062	
6/7/2022		0.00055 (J)			0.0003 (J)
8/16/2022	0.00022 (J)				
8/17/2022			0.00078 (J)		0.00022 (J)
8/18/2022				0.0044	
8/19/2022		0.00063 (J)			
2/15/2023		0.00067 (J)	0.0012 (J)	0.0099	0.00026 (J)
2/16/2023	<0.0025				
8/15/2023					<0.0025
8/17/2023	0.00021 (J)	0.0006 (J)	0.0013 (J)	0.0049	
2/14/2024		0.00044 (J)		0.0065	
2/15/2024	0.00021 (J)		0.0013 (J)		<0.0025
7/31/2024			0.0012 (J)	0.0042	<0.0025
8/1/2024	0.00025 (J)				
8/2/2024		0.00064 (J)			
2/12/2025		0.00061 (J)			<0.0025
2/13/2025	0.00033 (J)		0.0016 (J)	0.0055	
Mean	0.001372	0.00059	0.001154	0.00796	0.001376
Std. Dev.	0.001189	6.992E-05	0.0002343	0.003776	0.001185
Upper Lim.	0.0025	0.0006524	0.001363	0.01133	0.0025
Lower Lim.	0.00021	0.0005276	0.0009449	0.004591	0.00022

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

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-27	WGWC-28D
10/19/2022	0.00054 (J)	
2/16/2023	0.00046 (J)	
8/11/2023	0.00052 (J)	
9/26/2023		0.00073 (J)
2/14/2024		0.0019 (J)
2/15/2024	0.0012 (J)	
8/1/2024	0.0013 (J)	0.0017 (J)
2/12/2025	0.0011 (J)	0.002 (J)
Mean	0.0008533	0.001583
Std. Dev.	0.0003859	0.0005819
Upper Lim.	0.001304	0.002904
Lower Lim.	0	0.0002615

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-10	WGWC-16	WGWC-20	WGWC-22
5/18/2016		<0.0025	0.000362 (J)		
5/19/2016	<0.0025				
7/19/2016			<0.0025		
7/20/2016	<0.0025	<0.0025			
9/14/2016		<0.0025	0.00037 (J)		
9/15/2016	<0.0025				
11/10/2016			<0.0025		
11/11/2016		<0.0025			
11/14/2016	<0.0025				
1/24/2017			0.00055 (J)		
2/6/2017	<0.0025	<0.0025			
3/15/2017	<0.0025	<0.0025	0.00067 (J)		
4/25/2017			0.00058 (J)		
4/26/2017	<0.0025	<0.0025			
8/9/2017			0.00054 (J)		
8/10/2017	<0.0025	<0.0025			
3/29/2018	<0.0025		0.00082 (J)		
3/30/2018		<0.0025			
6/14/2018	<0.0025	<0.0025	0.0007 (J)		
10/4/2018	<0.0025	<0.0025	0.00065 (J)		
2/27/2019	<0.0025	<0.0025	0.00055 (J)		
4/3/2019	<0.0025				
4/4/2019		<0.0025	0.00047 (J)		
9/18/2019			0.00017 (J)		
9/19/2019	<0.0025	0.00021 (J)			
2/5/2020		<0.0025			
2/7/2020	<0.0025		<0.0025		
3/18/2020		<0.0025	0.00022 (J)		
3/19/2020	<0.0025				
9/22/2020	<0.0025				
9/23/2020		<0.0025	<0.0025		
2/3/2021	<0.0025				
2/4/2021		<0.0025	<0.0025		
8/26/2021				<0.0025	<0.0025
1/11/2022					<0.0025
1/12/2022				0.00026 (J)	
3/3/2022	<0.0025	<0.0025	<0.0025		
3/4/2022				<0.0025	0.00025 (J)
6/7/2022				<0.0025	<0.0025
8/16/2022	<0.0025				
8/17/2022			<0.0025		
8/18/2022				<0.0025	
8/19/2022		<0.0025			9E-05 (J)
2/15/2023			8.5E-05 (J)		0.00028 (J)
2/16/2023	0.00065 (J)	<0.0025		0.00057 (J)	
8/11/2023				0.00019 (J)	
8/15/2023	0.00013 (J)		<0.0025		
8/17/2023		<0.0025			<0.0025
2/13/2024	0.00041 (J)			0.00042 (J)	
2/14/2024					0.00013 (J)
2/15/2024		<0.0025	<0.0025		
7/30/2024			<0.0025		

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

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-10	WGWC-16	WGWC-20	WGWC-22
7/31/2024		<0.0025		0.00022 (J)	
8/1/2024	9.5E-05 (J)				
8/2/2024					<0.0025
2/11/2025	<0.0025				
2/12/2025			<0.0025	0.00045 (J)	0.00011 (J)
2/13/2025		<0.0025			
Mean	0.002151	0.002408	0.001369	0.001211	0.001336
Std. Dev.	0.0008204	0.000458	0.001035	0.001115	0.001228
Upper Lim.	0.0025	0.0025	0.0025	0.0025	0.0025
Lower Lim.	0.00065	0.00021	0.00054	0.00022	0.00011

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

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-24	WGWC-25	WGWC-27
8/26/2021	0.00061 (J)	<0.0025	
1/11/2022	0.0004 (J)	<0.0025	
3/3/2022	0.0003 (J)		
3/4/2022		<0.0025	
6/6/2022	0.0003 (J)		
6/7/2022		<0.0025	
8/17/2022		0.00012 (J)	
8/18/2022	0.00015 (J)		
10/19/2022			<0.0025
2/15/2023	0.00057 (J)	0.0001 (J)	
2/16/2023			8E-05 (J)
8/11/2023			<0.0025
8/15/2023		<0.0025	
8/17/2023	9.5E-05 (J)		
2/14/2024	0.00023 (J)		
2/15/2024		<0.0025	<0.0025
7/31/2024	0.0001 (J)	<0.0025	
8/1/2024			<0.0025
2/12/2025		<0.0025	<0.0025
2/13/2025	0.00018 (J)		
Mean	0.0002935	0.002022	0.002097
Std. Dev.	0.0001833	0.001008	0.000988
Upper Lim.	0.000457	0.0025	0.0025
Lower Lim.	0.00013	0.00012	8E-05

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

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-13	WGWC-14A
5/18/2016		<0.002			
5/19/2016	<0.002		<0.002	<0.002	
7/20/2016	<0.002	0.0012 (J)	<0.002	<0.002	
9/14/2016	<0.002	<0.002	<0.002	<0.002	
11/10/2016				<0.002	
11/11/2016		0.0015 (J)	<0.002		
1/27/2017			<0.002	<0.002	
2/6/2017		0.0011 (J)			
2/8/2017					<0.002
2/9/2017	<0.002				
2/23/2017					<0.002
3/15/2017	<0.002	0.0015 (J)	<0.002	<0.002	
3/17/2017					<0.002
4/11/2017	<0.002				<0.002
4/26/2017	<0.002	0.0013 (J)	0.0011 (J)	<0.002	<0.002
5/17/2017					<0.002
6/7/2017					<0.002
7/11/2017					<0.002
8/9/2017				<0.002	
8/10/2017	<0.002	0.0016 (J)	<0.002		
3/29/2018	<0.002		0.0012 (J)	<0.002	<0.002
3/30/2018		0.0027			
6/14/2018	<0.002	0.0023 (J)	<0.002	<0.002	<0.002
10/4/2018	<0.002	0.0031	<0.002	<0.002	<0.002
2/27/2019		0.0031	0.0021 (J)	0.0018 (J)	<0.002
2/28/2019	0.0025				
4/3/2019	<0.002		<0.002	<0.002	<0.002
4/4/2019		0.0021 (J)			
9/18/2019				<0.002	<0.002
9/19/2019	<0.002	0.0022	<0.002		
2/5/2020	<0.002	0.0022	<0.002	<0.002	0.0017 (J)
3/18/2020		<0.002	<0.002		
3/19/2020	<0.002			<0.002	<0.002
9/23/2020	<0.002	0.0018 (J)			
9/24/2020			<0.002	<0.002	<0.002
2/3/2021			<0.002		
2/4/2021	<0.002	0.0018 (J)		<0.002	<0.002
3/11/2021		0.0023		0.0019 (J)	<0.002
3/12/2021	<0.002		0.0017 (J)		
8/25/2021			<0.002	0.0017 (J)	<0.002
8/26/2021	<0.002	0.0024			
3/3/2022	<0.002	0.0023	<0.002	<0.002	<0.002
8/16/2022			<0.002		
8/17/2022	<0.002				
8/18/2022				<0.002	
8/19/2022		0.0024			<0.002
2/15/2023	<0.002				
2/16/2023		0.0014 (J)	<0.002	<0.002	<0.002
8/16/2023	<0.002		<0.002	<0.002	<0.002
8/17/2023		0.0029			
2/14/2024	0.002				
2/15/2024		0.0036		<0.002	<0.002

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

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-13	WGWC-14A
2/16/2024			<0.002		
7/31/2024		0.0029	<0.002	<0.002	
8/1/2024	<0.002				
8/2/2024					<0.002
2/11/2025	<0.002		<0.002		
2/12/2025				0.0017 (J)	<0.002
2/13/2025		0.0036			
Mean	0.002019	0.002085	0.00193	0.001967	0.001989
Std. Dev.	9.623E-05	0.0007887	0.0002334	8.771E-05	5.774E-05
Upper Lim.	0.0025	0.002461	0.002	0.002	0.002
Lower Lim.	0.002	0.001709	0.0017	0.0019	0.0017

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

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-21	WGWC-23	WGWC-28D
5/18/2016	<0.002			
7/19/2016	<0.002			
9/14/2016	<0.002			
11/10/2016	<0.002			
1/24/2017	<0.002			
3/14/2017	<0.002			
4/25/2017	<0.002			
8/9/2017	<0.002			
3/30/2018	<0.002			
6/14/2018	<0.002			
10/3/2018	<0.002			
2/27/2019	0.0015 (J)			
4/4/2019	<0.002			
9/18/2019	<0.002			
2/7/2020	<0.002			
3/18/2020	<0.002			
9/23/2020	<0.002			
2/4/2021	<0.002			
3/12/2021	<0.002			
8/26/2021	<0.002	<0.002	<0.002	
1/11/2022		<0.002	<0.002	
3/3/2022	<0.002	<0.002		
3/4/2022			<0.002	
6/6/2022		<0.002	<0.002	
8/16/2022		<0.002		
8/17/2022	<0.002		<0.002	
2/15/2023	<0.002		<0.002	
2/16/2023		0.0015 (J)		
8/16/2023	<0.002			
8/17/2023		<0.002	<0.002	
9/26/2023				0.002
2/14/2024				<0.002
2/15/2024	<0.002	<0.002	<0.002	
7/31/2024	<0.002		<0.002	
8/1/2024		<0.002		<0.002
2/12/2025				<0.002
2/13/2025	<0.002	<0.002	0.0017 (J)	
Mean	0.001981	0.00195	0.00197	0.002
Std. Dev.	9.623E-05	0.0001581	9.487E-05	4.7E-11
Upper Lim.	0.002	0.002	0.002	0.002
Lower Lim.	0.0015	0.002	0.002	0.002

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

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12
5/18/2016			0.00201 (J)		
5/19/2016	<0.0025	<0.0025		<0.0025	<0.01
7/20/2016	<0.0025	<0.0025	0.00066 (J)	0.0025	0.0013 (J)
9/14/2016		<0.0025	0.00095 (J)	<0.0025	0.00098 (J)
9/15/2016	<0.0025				
11/11/2016			0.001 (J)	0.00052 (J)	0.0017 (J)
11/14/2016	<0.0025				
1/27/2017				0.00049 (J)	0.0022 (J)
2/6/2017	<0.0025		0.00072 (J)		
2/9/2017		0.00073 (J)			
3/15/2017	<0.0025	<0.0025	0.00062 (J)	0.00064 (J)	0.0016 (J)
4/11/2017		<0.0025			
4/26/2017	<0.0025	<0.0025	0.0014 (J)	0.001 (J)	0.00026 (J)
8/10/2017	<0.0025	<0.0025	<0.0025	0.0011 (J)	0.00049 (J)
3/29/2018	0.00066 (J)	<0.0025		<0.0025	0.0008 (J)
3/30/2018			0.0035		
6/14/2018	0.0011 (J)	<0.0025	0.0012 (J)	<0.0025	0.00067 (J)
10/4/2018	<0.0025	<0.0025	0.00086 (J)	<0.0025	0.00079 (J)
2/27/2019	0.0019 (J)		0.0005 (J)	0.0022 (J)	0.0006 (J)
2/28/2019		<0.0025			
4/3/2019	0.0037	<0.0025		0.00081 (J)	0.00043 (J)
4/4/2019			0.0017 (J)		
9/19/2019	0.0028	<0.0025	0.0023	<0.0025	0.00028 (J)
2/5/2020		<0.0025	0.0013	0.00026 (J)	0.00058
2/7/2020	0.0011				
3/18/2020			0.0012 (J)	0.00069 (J)	0.00071 (J)
3/19/2020	0.00092 (J)	<0.0025			
9/22/2020	0.00065 (J)				
9/23/2020		<0.0025	0.00062 (J)		0.00039 (J)
9/24/2020				<0.0025	
2/3/2021	0.00014 (J)			0.00072 (J)	0.00017 (J)
2/4/2021		<0.0025	0.00059 (J)		
3/11/2021	0.00043 (J)		0.00058 (J)		
3/12/2021		<0.0025		0.0022 (J)	0.00042 (J)
8/25/2021				0.00045 (J)	0.0005 (J)
8/26/2021	0.0005 (J)	<0.0025	0.00044 (J)		
3/3/2022	0.0003 (J)	<0.0025	0.00045 (J)	0.00026 (J)	
3/4/2022					0.00056 (J)
8/16/2022	0.00075 (J)			<0.0025	
8/17/2022		<0.0025			
8/18/2022					0.00034 (J)
8/19/2022			0.0014 (J)		
2/15/2023		<0.0025			
2/16/2023	<0.0025		<0.0025	<0.0025	0.0004 (J)
8/15/2023	<0.0025				
8/16/2023		<0.0025		<0.0025	0.00025 (J)
8/17/2023			0.00038 (J)		
2/13/2024	<0.0025				
2/14/2024		<0.0025			0.00045 (J)
2/15/2024			<0.0025		
2/16/2024				<0.0025	
7/31/2024			<0.0025	<0.0025	0.00029 (J)

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

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12
8/1/2024	<0.0025	<0.0025			
2/11/2025	<0.0025	<0.0025		<0.0025	0.00033 (J)
2/13/2025			<0.0025		
Mean	0.00185	0.002434	0.001366	0.001716	0.000833
Std. Dev.	0.0009896	0.0003406	0.0008699	0.0009357	0.0009677
Upper Lim.	0.0025	0.0025	0.001233	0.0025	0.0008484
Lower Lim.	0.00075	0.00073	0.0006678	0.00069	0.0004125

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

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
5/18/2016			<0.0025	0.0069 (J)	0.00245 (J)
5/19/2016	<0.0025				
7/19/2016			<0.0025	0.012	
7/20/2016	<0.0025				0.0018 (J)
9/14/2016	<0.0025		<0.0025	0.013	0.0014 (J)
11/10/2016	<0.0025		<0.0025	0.016	0.0016 (J)
1/20/2017					0.0014 (J)
1/24/2017			<0.0025	0.015	
1/27/2017	<0.0025				
2/8/2017		0.0051			
2/23/2017		0.014			
3/14/2017			<0.0025		0.0023 (J)
3/15/2017	<0.0025			0.014	
3/17/2017		0.013			
4/11/2017		0.016			
4/25/2017			<0.0025	0.014	0.0023 (J)
4/26/2017	<0.0025	0.01			
5/17/2017		0.011			
6/7/2017		0.01			
7/11/2017		0.0085			
8/9/2017	0.0004 (J)		<0.0025	0.016	0.0011 (J)
3/29/2018	0.0008 (J)	0.015		0.0092	
3/30/2018			<0.0025		0.0016 (J)
6/14/2018	0.00054 (J)	0.011	<0.0025	0.0035	0.00055 (J)
10/3/2018			<0.0025		
10/4/2018	<0.0025	0.0055		0.0078	0.00041 (J)
2/26/2019					0.00086 (J)
2/27/2019	0.00013 (J)	0.0049	<0.0025	0.00084 (J)	
4/3/2019	<0.0025	0.0056			
4/4/2019			<0.0025	0.00077 (J)	<0.0025
9/18/2019	<0.0025	0.005	<0.0025	0.00011 (J)	0.00018 (J)
2/5/2020	<0.0025	0.0044			
2/7/2020			<0.0025	0.00016 (J)	0.00077
3/18/2020			<0.0025	0.00016 (J)	0.00052 (J)
3/19/2020	<0.0025	0.0039			
9/23/2020			<0.0025	<0.0025	0.0009 (J)
9/24/2020	0.00032 (J)	0.0035			
2/4/2021	<0.0025	0.0041	0.00015 (J)	0.00026 (J)	0.00042 (J)
3/11/2021	<0.0025	0.0037		0.00013 (J)	0.00035 (J)
3/12/2021			<0.0025		
8/25/2021	<0.0025	0.0029		<0.0025	0.00042 (J)
8/26/2021			<0.0025		
3/3/2022	<0.0025	0.0024 (J)	<0.0025	<0.0025	
3/4/2022					0.00026 (J)
8/16/2022					<0.0025
8/17/2022			<0.0025	<0.0025	
8/18/2022	<0.0025				
8/19/2022		0.002 (J)			
2/15/2023			<0.0025	<0.0025	
2/16/2023	<0.0025	0.0022 (J)			<0.0025
8/15/2023				<0.0025	
8/16/2023	0.00024 (J)	0.002 (J)	<0.0025		<0.0025

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

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
2/15/2024	<0.0025	0.0017 (J)	<0.0025	<0.0025	<0.0025
7/30/2024				<0.0025	
7/31/2024	<0.0025		<0.0025		<0.0025
8/2/2024		0.0016 (J)			
2/11/2025					<0.0025
2/12/2025	0.00029 (J)	0.0015 (J)		<0.0025	
2/13/2025			<0.0025		
Mean	0.001953	0.006315	0.002413	0.005642	0.001448
Std. Dev.	0.0009489	0.004524	0.0004523	0.005703	0.000892
Upper Lim.	0.0025	0.007723	0.0025	0.003731	0.00245
Lower Lim.	0.0008	0.003779	0.00015	0.0005539	0.00052

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

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23
11/11/2016	<0.0025				
2/6/2017	0.00058 (J)				
3/15/2017	0.00045 (J)				
4/11/2017	<0.0025				
4/26/2017	<0.0025				
6/7/2017	<0.0025				
7/11/2017	<0.0025				
8/10/2017	0.00049 (J)				
3/29/2018	<0.0025				
6/14/2018	<0.0025				
10/4/2018	<0.0025				
2/28/2019	0.00019 (J)				
4/2/2019	<0.0025				
9/18/2019	0.00045 (J)				
2/7/2020	0.00024 (J)				
5/4/2020	0.00018 (J)				
9/23/2020	0.00024 (J)				
2/3/2021	0.00025 (J)				
3/11/2021	0.00022 (J)				
8/26/2021	0.00022 (J)	0.00046 (J)	0.00042 (J)	0.00038 (J)	0.00017 (J)
1/11/2022			0.00032 (J)	0.00025 (J)	0.00016 (J)
1/12/2022		0.00037 (J)			
3/3/2022	0.00034 (J)		0.00042 (J)		
3/4/2022		<0.0025		0.00034 (J)	<0.0025
6/6/2022			0.001 (J)		<0.0025
6/7/2022		<0.0025		<0.0025	
8/16/2022			0.00039 (J)		
8/17/2022	<0.0025				<0.0025
8/18/2022		<0.0025			
8/19/2022				<0.0025	
2/15/2023				<0.0025	<0.0025
2/16/2023	0.00053 (J)	<0.0025	<0.0025		
8/11/2023		<0.0025			
8/16/2023	0.00026 (J)				
8/17/2023			<0.0025	<0.0025	<0.0025
2/13/2024		<0.0025			
2/14/2024				<0.0025	
2/15/2024	<0.0025		<0.0025		<0.0025
7/31/2024	0.00024 (J)	<0.0025			<0.0025
8/1/2024			<0.0025		
8/2/2024				<0.0025	
2/12/2025		<0.0025		<0.0025	
2/13/2025	<0.0025		<0.0025		0.00022 (J)
Mean	0.001292	0.002083	0.001505	0.001847	0.001805
Std. Dev.	0.001106	0.0008794	0.001065	0.001052	0.001119
Upper Lim.	0.0025	0.0025	0.0025	0.0025	0.0025
Lower Lim.	0.00025	0.00046	0.00039	0.00034	0.00017

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

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-24	WGWC-25	WGWC-27	WGWC-28D	PZ-26D
8/26/2021	0.13	0.005			
1/11/2022	0.11	0.0048			
3/3/2022	0.086				
3/4/2022		0.004			
6/6/2022	0.042				
6/7/2022		0.0043			
8/17/2022		0.0037			
8/18/2022	0.031				
10/19/2022			0.002 (J)		
2/15/2023	0.084	0.0049			
2/16/2023			0.0013 (J)		
8/11/2023			0.0018 (J)		
8/15/2023		0.0081			
8/17/2023	0.035				0.017
9/26/2023				0.00072 (J)	
2/14/2024	0.045			0.00064 (J)	
2/15/2024		0.0062	0.0018 (J)		0.0069
7/31/2024	0.027	0.0088			
8/1/2024			0.0026	<0.0025	0.0081
2/12/2025		0.0085	0.002 (J)	0.00024 (J)	
2/13/2025	0.039				0.0011 (J)
Mean	0.0629	0.00583	0.001917	0.001025	0.008275
Std. Dev.	0.03669	0.001946	0.0004215	0.001006	0.006571
Upper Lim.	0.09563	0.007566	0.002496	0.00101	0.02319
Lower Lim.	0.03017	0.004094	0.001338	5.662E-05	0

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

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12
5/18/2016			0.182 (U)		
5/19/2016	0.711 (U)	0.209 (U)		0.431 (U)	0.0698 (U)
7/20/2016	1.14	-0.084 (U)	-0.135 (U)	-0.263 (U)	-0.0646 (U)
9/14/2016		0.42 (U)	0.311 (U)	0.13 (U)	0.199 (U)
9/15/2016	1.26				
11/11/2016			0.542	0.0257 (U)	0.467
11/14/2016	0.749				
1/27/2017				0.898	0.836
2/6/2017	1.05		0.104 (U)		
2/9/2017		0.393			
3/15/2017	1.32	0.271 (U)	0.523	0.121 (U)	0.254 (U)
4/11/2017		0.488 (U)			
4/26/2017	1.07	0.14 (U)	0.069 (U)	0.0309 (U)	0.267 (U)
8/10/2017	1.88	0.379	0.189 (U)	0.326 (U)	0.912
3/29/2018	2.31	0.278 (U)		0.461	0.419
3/30/2018			0.575		
6/14/2018	1.86	0.157 (U)	0.523	0.275 (U)	-0.263 (U)
10/4/2018	2.44	0.48	0.84	1.18	1.29
2/27/2019	2.42		0.236 (U)	0.374	0.415
2/28/2019		0.271 (U)			
4/3/2019	1.55	0.0621 (U)		0.187 (U)	0.264 (U)
4/4/2019			0.233 (U)		
9/19/2019	2.06	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)
2/7/2020	1.66				
3/18/2020			0.461 (U)	0.866	-0.0262 (U)
3/19/2020	1.21	0.23 (U)			
9/22/2020	1.75				
9/23/2020		0.0587 (U)	0.442 (U)		0.785
9/24/2020				1.2	
2/3/2021	2			0.718	0.322 (U)
2/4/2021		0.353 (U)	0.0332 (U)		
3/11/2021	2.38		0.42 (U)		
3/12/2021		0.831		0.0729 (U)	0.633
8/25/2021				0.401	0.443 (U)
8/26/2021	2.87	0.681	0.321 (U)		
3/3/2022	3.18	0.431 (U)	0.587	0.622	
3/4/2022					0.408
8/16/2022	2.4			0.5	
8/17/2022		0.139 (U)			
8/18/2022					0.279 (U)
8/19/2022			0.497 (U)		
2/15/2023		0.0109 (U)			
2/16/2023	3.04		0.326 (U)	0.417 (U)	0.388 (U)
8/15/2023	2.65				
8/16/2023		0.209 (U)		0.297 (U)	0.45 (U)
8/17/2023			-0.112 (U)		
2/13/2024	2.44				
2/14/2024		0.279 (U)			0.813
2/15/2024			0.126 (U)		
2/16/2024				-0.00801 (U)	
7/31/2024			1.33	0.791	1.07

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12
8/1/2024	1.73	0.818			
2/11/2025	3.46	2.41		1.28	0.892
2/13/2025			0.44 (U)		
Mean	1.948	0.382	0.3438	0.4383	0.4473
Std. Dev.	0.7477	0.4712	0.3036	0.3944	0.3594
Upper Lim.	2.304	0.48	0.4886	0.6265	0.6187
Lower Lim.	1.591	0.14	0.199	0.2502	0.2758

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
5/18/2016			0.569	1.03	0.116 (U)
5/19/2016	0.219 (U)				
7/19/2016			0.29 (U)	2.39	
7/20/2016	0.404 (U)				0.247 (U)
9/14/2016	0.692		0.412 (U)	3.05	0.594
11/10/2016	1		0.709	2.87	0.431
1/20/2017					1.35
1/24/2017			0.779	2.68	
1/27/2017	0.668				
2/8/2017		0.958			
2/23/2017		0.771			
3/14/2017			0.247 (U)		-0.107 (U)
3/15/2017	0.847			1.64	
3/17/2017		1.7			
4/11/2017		0.901			
4/25/2017			0.515	0.878	0.228 (U)
4/26/2017	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		1.7	2.5	-0.0246 (U)
3/29/2018	0.51	0.58		1.6	
3/30/2018			0.0985 (U)		0.135 (U)
6/14/2018	0.463	0.55	0.171 (U)	1.09	-0.373 (U)
10/3/2018			0.766		
10/4/2018	0.99	0.563		1.99	0.775
2/26/2019					0.431
2/27/2019	1.08	0.538	0.363 (U)	0.721	
4/3/2019	0.446	0.497			
4/4/2019			0.418	0.632	0.386
9/18/2019	0.392	0.376 (U)	0.484	0.278 (U)	0.167 (U)
2/5/2020	0.609	0.5			
2/7/2020			0.125 (U)	0.797	0.244 (U)
3/18/2020			0.303 (U)	0.437	0.0655 (U)
3/19/2020	0.47	0.376 (U)			
9/23/2020			0.448 (U)	0.276 (U)	0.643
9/24/2020	1.02	0.796			
2/4/2021	0.139 (U)	0.564	0.488 (U)	0.727	0.438 (U)
3/11/2021	0.473	0.764		0.942	0.247 (U)
3/12/2021			0.591		
8/25/2021	0.913	0.705		0.518	0.565
8/26/2021			0.678		
3/3/2022	0.621	0.956	0.358 (U)	0.573	
3/4/2022					0.573
8/16/2022					0.668
8/17/2022			0.563	0.946	
8/18/2022	0.719				
8/19/2022		0.932			
2/15/2023			0.0878 (U)	0.734	
2/16/2023	0.2 (U)	0.455 (U)			0.121 (U)
8/15/2023				0.732	
8/16/2023	-0.09 (U)	0.277 (U)	0.0271 (U)		0.533 (U)

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
2/15/2024	0.585	0.482 (U)	0.607	0.582	0.257 (U)
7/30/2024				0.628	
7/31/2024	0.823		1.17		0.594 (U)
8/2/2024		0.774			
2/11/2025					0.639 (U)
2/12/2025	0.589	0.968		1.14	
2/13/2025			1.11		
Mean	0.5928	0.6972	0.5214	1.199	0.3683
Std. Dev.	0.2907	0.2912	0.3673	0.8319	0.3345
Upper Lim.	0.7315	0.8055	0.6966	1.459	0.5278
Lower Lim.	0.4542	0.5495	0.3462	0.7523	0.2087

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23
11/11/2016	-0.11 (U)				
2/6/2017	0.471				
3/15/2017	0.255 (U)				
4/11/2017	0.19 (U)				
4/26/2017	0.22 (U)				
6/7/2017	0.126 (U)				
7/11/2017	0.511				
8/10/2017	0.882				
3/29/2018	0.252 (U)				
6/14/2018	0.0458 (U)				
10/4/2018	0.381				
2/28/2019	0.254 (U)				
4/2/2019	0.209 (U)				
9/18/2019	0.403 (U)				
2/7/2020	0.2 (U)				
5/4/2020	0.0697 (U)				
9/23/2020	1.18				
2/3/2021	0.684				
3/11/2021	0.286 (U)				
8/26/2021	0.796	1.6	1.17	3.54	0.703
1/11/2022			0.919	6.91	0.218 (U)
1/12/2022		1.09			
3/3/2022	0.909		1.31		
3/4/2022		0.925		7.57	0.437 (U)
6/6/2022			2.61		1.45
6/7/2022		0.67		4.67	
8/16/2022			1.35		
8/17/2022	0.155 (U)				0.976
8/18/2022		0.994			
8/19/2022				3.07	
2/15/2023				5.98	0.985
2/16/2023	0.248 (U)	0.853	0.617		
8/11/2023		0.591 (U)			
8/16/2023	0.369 (U)				
8/17/2023			2.44	4.47	1.91
2/13/2024		1.06			
2/14/2024				5.46	
2/15/2024	0.523		1.3		0.232 (U)
7/31/2024	1.53	1.15			1.69
8/1/2024			0.417 (U)		
8/2/2024				4.11	
2/12/2025		1.12		4.31	
2/13/2025	0.187 (U)		1.7		1.31 (U)
Mean	0.4158	1.005	1.383	5.009	0.9911
Std. Dev.	0.3705	0.2812	0.7085	1.451	0.5972
Upper Lim.	0.523	1.256	2.015	6.303	1.524
Lower Lim.	0.19	0.7544	0.7512	3.715	0.4583

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-24	WGWC-25	WGWC-27	WGWC-28D	PZ-26D
8/26/2021	1.63	1.12			
1/11/2022	0.749	0.606			
3/3/2022	0.893				
3/4/2022		0.818			
6/6/2022	0.845				
6/7/2022		0.5			
8/17/2022		0.763			
8/18/2022	1.03				
10/19/2022			0.185 (U)		
2/15/2023	0.974	0.873			
2/16/2023			2.16		
8/11/2023			3.88		
8/15/2023		0.581 (U)			
8/17/2023	1.62				1.44
9/26/2023				15.4	
2/14/2024	0.674			13.3	
2/15/2024		0.672	5.82		1.06
7/31/2024	1.34	1.25			
8/1/2024			5.4	7.77	1.07
2/12/2025		1.43	5.08	7.79	
2/13/2025	0.801				0.648
Mean	1.056	0.8613	3.754	11.07	1.055
Std. Dev.	0.3515	0.3097	2.192	3.889	0.3236
Upper Lim.	1.369	1.138	6.766	19.89	1.789
Lower Lim.	0.742	0.585	0.7426	2.236	0.3198

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12
5/18/2016			0.206 (J)		
5/19/2016	0.304	1.58		0.039 (J)	0.12 (J)
7/20/2016	0.27	2	0.23	<0.2	0.11 (J)
9/14/2016		1.8	0.17 (J)	<0.2	0.095 (J)
9/15/2016	0.24				
11/11/2016			0.14 (J)	<0.2	<0.2
11/14/2016	0.2				
1/27/2017				<0.2	<0.2
2/6/2017	0.27		0.15 (J)		
2/9/2017		1.3			
3/15/2017	0.25	1.3	0.16 (J)	<0.2	<0.2
4/11/2017		1.4			
4/26/2017	0.31	1.5	0.17 (J)	<0.2	<0.2
8/10/2017	0.37	1.6	0.2	<0.2	0.11 (J)
10/12/2017	0.35	1.5	0.14 (J)	<0.2	0.091 (J)
3/29/2018	0.36	1.4		<0.2	0.089 (J)
3/30/2018			0.13 (J)		
6/14/2018	0.56	1.4	0.15 (J)	<0.2	0.1 (J)
10/4/2018	0.27	1.4	0.18 (J)	<0.2	0.12 (J)
2/27/2019	0.054 (J)		0.21	0.047 (J)	0.06 (J)
2/28/2019		1.4			
4/3/2019	0.5	1.3		0.048 (J)	0.084 (J)
4/4/2019			0.13 (J)		
9/19/2019	0.42	1.3	0.13 (J)	0.037 (J)	0.093 (J)
2/5/2020		1.3	0.14	0.045 (J)	0.098 (J)
2/7/2020	0.25				
3/18/2020			0.052 (J)	<0.2	0.033 (J)
3/19/2020	0.057 (J)	1			
9/22/2020	0.14				
9/23/2020		0.82	0.09 (J)		0.064 (J)
9/24/2020				0.18	
2/3/2021	0.15			0.027 (J)	0.082 (J)
2/4/2021		0.91	0.12		
3/11/2021	0.16		0.15		
3/12/2021		0.98		0.044 (J)	0.096 (J)
8/25/2021				0.056 (J)	0.14
8/26/2021	0.21	1	0.16		
3/3/2022	0.19	1	0.067 (J)	0.055 (J)	
3/4/2022					0.068 (J)
8/16/2022	0.21			<0.2	
8/17/2022		0.9			
8/18/2022					0.073 (J)
8/19/2022			0.1		
2/15/2023		0.85			
2/16/2023	0.14		0.11	0.041 (J)	0.089 (J)
8/15/2023	0.15 (J)				
8/16/2023		0.9		0.041 (J)	0.083 (J)
8/17/2023			0.1		
2/13/2024	<0.2				
2/14/2024		0.73			0.044 (J)
2/15/2024			<0.2		
2/16/2024				<0.2	

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

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12
7/31/2024			0.1	<0.2	0.077 (J)
8/1/2024	<0.2	0.9			
2/11/2025	<0.2	0.4		<0.2	<0.2
2/13/2025			<0.2		
Mean	0.2388	1.21	0.1388	0.1379	0.1078
Std. Dev.	0.1266	0.3539	0.04328	0.07743	0.04906
Upper Lim.	0.2979	1.375	0.159	0.2	0.09367
Lower Lim.	0.1796	1.044	0.1185	0.047	0.07072

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

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
5/18/2016			0.779	0.1 (J)	0.121 (J)
5/19/2016	0.384				
7/19/2016			0.97	0.14 (J)	
7/20/2016	0.34				0.16 (J)
9/14/2016	0.31		0.89	0.18 (J)	0.19 (J)
11/10/2016	0.26		0.88	0.11 (J)	0.15 (J)
1/20/2017					0.18 (J)
1/24/2017			0.92	0.15 (J)	
1/27/2017	0.28				
2/8/2017		<0.2			
2/23/2017		<0.2			
3/14/2017			0.77		0.11 (J)
3/15/2017	0.3			0.1 (J)	
3/17/2017		<0.2			
4/11/2017		<0.2			
4/25/2017			0.95	0.13 (J)	0.13 (J)
4/26/2017	0.33	<0.2			
5/17/2017		<0.2			
6/7/2017		<0.2			
7/11/2017		<0.2			
8/9/2017	0.32		0.91	0.18 (J)	0.19 (J)
10/11/2017		<0.2	0.88	<0.2	0.14 (J)
10/12/2017	0.28				
3/29/2018	0.27	<0.2		0.13 (J)	
3/30/2018			0.79		0.095 (J)
6/14/2018	0.27	<0.2	0.79	<0.2	0.11 (J)
10/3/2018			0.79		
10/4/2018	0.23	<0.2		0.85 (J)	0.11 (J)
2/26/2019					0.068 (J)
2/27/2019	0.25	<0.2	0.81	0.47	
4/3/2019	0.24	0.048 (J)			
4/4/2019			0.78	0.08 (J)	0.087 (J)
9/18/2019	0.22	0.035 (J)	0.81	0.058 (J)	0.066 (J)
2/5/2020	0.2	0.04 (J)			
2/7/2020			0.79	0.072 (J)	0.079 (J)
3/18/2020			0.71	0.084 (J)	<0.2
3/19/2020	0.15	<0.2			
9/23/2020			0.63	0.049 (J)	0.05 (J)
9/24/2020	<0.2	0.028 (J)			
2/4/2021	0.16	0.033 (J)	0.69	0.052 (J)	0.064 (J)
3/11/2021	0.18	0.04 (J)		0.061 (J)	0.05 (J)
3/12/2021			0.88		
8/25/2021	0.2	0.071 (J)		0.099 (J)	0.093 (J)
8/26/2021			0.77		
3/3/2022	0.21	0.057 (J)	0.88	0.067 (J)	
3/4/2022					0.06 (J)
8/16/2022					0.06 (J)
8/17/2022			0.68	0.062 (J)	
8/18/2022	0.14				
8/19/2022		<0.2			
2/15/2023			0.73	0.076 (J)	
2/16/2023	0.15	<0.2			0.069 (J)

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

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
8/15/2023				0.065 (J)	
8/16/2023	0.13	0.04 (J)	0.73		0.064 (J)
2/15/2024	0.21 (J)	<0.2	0.89	<0.2	<0.2
7/30/2024				<0.2	
7/31/2024	0.15		0.62		0.049 (J)
8/2/2024		<0.2			
2/11/2025					<0.2
2/12/2025	<0.2	<0.2		<0.2	
2/13/2025			0.72		
Mean	0.2273	0.1497	0.8014	0.1559	0.1016
Std. Dev.	0.07597	0.07476	0.09329	0.1604	0.04264
Upper Lim.	0.2628	0.2	0.845	0.1286	0.1215
Lower Lim.	0.1918	0.057	0.7578	0.07105	0.08168

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

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23
11/11/2016	0.32				
2/6/2017	0.45				
3/15/2017	0.37				
4/11/2017	0.37				
4/26/2017	0.4				
6/7/2017	0.35				
7/11/2017	0.39				
8/10/2017	0.42				
10/12/2017	0.36				
3/29/2018	0.34				
6/14/2018	0.35				
10/4/2018	0.35				
2/28/2019	0.28				
4/2/2019	0.33				
9/18/2019	0.32				
2/7/2020	0.35				
5/4/2020	0.36				
9/23/2020	0.25				
2/3/2021	0.3				
3/8/2021		1.8			
3/9/2021			1.7	1.1	0.092 (J)
3/11/2021	0.31				
4/7/2021			1.6		0.093 (J)
4/8/2021		1.7		1.4	
8/26/2021	0.38	2	2	0.51	0.081 (J)
1/11/2022			1.9	0.45	0.045 (J)
1/12/2022		1.8			
3/3/2022	0.4		1.8		
3/4/2022		2		0.42	0.045 (J)
6/6/2022			1.9		0.028 (J)
6/7/2022		2.5		0.37	
8/16/2022			1.8		
8/17/2022	0.28				0.043 (J)
8/18/2022		2			
8/19/2022				0.31	
2/15/2023				0.31	0.048 (J)
2/16/2023	0.33	1.9	1.9		
8/11/2023		2.1			
8/16/2023	0.34				
8/17/2023			1.8	0.32	0.045 (J)
2/13/2024		<0.2			
2/14/2024				0.23	
2/15/2024	0.4		2.2		<0.2
7/31/2024	0.28	1.8			0.045 (J)
8/1/2024			<0.2		
8/2/2024				<0.2	
2/12/2025		<0.2		<0.2	
2/13/2025	0.058 (J)		<0.2		<0.2
Mean	0.3371	1.667	1.583	0.485	0.08042
Std. Dev.	0.07151	0.7152	0.6631	0.3755	0.05963
Upper Lim.	0.37	2.047	1.898	0.6207	0.2
Lower Lim.	0.3165	1.114	1.161	0.2384	0.043

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

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-24	WGWC-25	WGWC-27	WGWC-28D	PZ-26D
3/8/2021		<0.2			
3/9/2021	1				0.26
4/7/2021	1.1				0.22
4/8/2021		0.028 (J)			
8/26/2021	1.2	0.047 (J)			
1/11/2022	1	0.028 (J)			
3/3/2022	0.71				
3/4/2022		0.038 (J)			
6/6/2022	0.43				
6/7/2022		<0.2			
8/17/2022		<0.2			
8/18/2022	0.24				
10/19/2022			0.52		
2/15/2023	0.63	<0.2			
2/16/2023			0.92		
8/11/2023			1.1		
8/15/2023		0.049 (J)			
8/17/2023	0.28				0.22
9/26/2023				1.6	
11/7/2023				2.1	
2/14/2024	<0.2			<0.2	
2/15/2024		<0.2	1.2		0.29 (J)
7/31/2024	0.1 (J)	<0.2			
8/1/2024			0.66	<0.2	0.1 (J)
2/12/2025		<0.2	<0.2	<0.2	
2/13/2025	<0.2				<0.2
Mean	0.5908	0.1325	0.7667	0.86	0.215
Std. Dev.	0.4015	0.08364	0.3783	0.9209	0.06504
Upper Lim.	0.8251	0.2	1.241	2.1	0.2895
Lower Lim.	0.2105	0.028	0.2922	0.2	0.06718

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

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12
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
9/15/2016	<0.001				
11/11/2016			<0.001	<0.001	<0.001
11/14/2016	<0.001				
1/27/2017				<0.001	<0.001
2/6/2017	<0.001		<0.001		
2/9/2017		<0.001			
3/15/2017	<0.001	<0.001	<0.001	<0.001	<0.001
4/11/2017		<0.001			
4/26/2017	<0.001	<0.001	<0.001	<0.001	<0.001
8/10/2017	<0.001	<0.001	<0.001	<0.001	<0.001
3/29/2018	<0.001	<0.001		<0.001	<0.001
3/30/2018			<0.001		
2/27/2019	0.00017 (J)		0.00023 (J)	0.00058 (J)	<0.001
2/28/2019		0.00014 (J)			
4/3/2019	<0.001	<0.001		<0.001	<0.001
4/4/2019			<0.001		
9/19/2019	<0.001	<0.001	0.00041 (J)	<0.001	<0.001
2/5/2020		<0.001	0.00016 (J)	<0.001	<0.001
2/7/2020	<0.001				
3/18/2020			0.00021 (J)	<0.001	<0.001
3/19/2020	0.00016 (J)	<0.001			
9/22/2020	0.00013 (J)				
9/23/2020		<0.001	0.00013 (J)		<0.001
9/24/2020				0.00037 (J)	
2/3/2021	0.00013 (J)			<0.001	<0.001
2/4/2021		<0.001	0.00019 (J)		
3/11/2021	<0.001		0.00032 (J)		
3/12/2021		<0.001		0.00038 (J)	<0.001
8/25/2021				0.00023 (J)	<0.001
8/26/2021	0.00014 (J)	<0.001	0.00026 (J)		
3/3/2022	0.00052 (J)	<0.001	0.00025 (J)	<0.001	
3/4/2022					0.00033 (J)
8/16/2022	0.00041 (J)			<0.001	
8/17/2022		<0.001			
8/18/2022					<0.001
8/19/2022			0.0003 (J)		
2/15/2023		<0.001			
2/16/2023	0.00029 (J)		<0.001	<0.001	<0.001
8/15/2023	<0.001				
8/16/2023		<0.001		<0.001	<0.001
8/17/2023			<0.001		
2/13/2024	<0.001				
2/14/2024		<0.001			<0.001
2/15/2024			0.0007 (J)		
2/16/2024				<0.001	
7/31/2024			<0.001	<0.001	<0.001
8/1/2024	<0.001	<0.001			
2/11/2025	0.00023 (J)	<0.001		<0.001	<0.001

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

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12
2/13/2025			<0.001		
Mean	0.0007272	0.0009656	0.0006864	0.0009024	0.0009732
Std. Dev.	0.0003799	0.000172	0.0003751	0.0002338	0.000134
Upper Lim.	0.001	0.001	0.001	0.001	0.001
Lower Lim.	0.00029	0.00014	0.00026	0.00058	0.00033

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

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
5/18/2016			<0.001	<0.001	<0.001
5/19/2016	<0.001				
7/19/2016			<0.001	<0.001	
7/20/2016	<0.001				<0.001
9/14/2016	0.00055 (J)		<0.001	<0.001	<0.001
11/10/2016	0.00047 (J)		<0.001	<0.001	<0.001
1/20/2017					<0.001
1/24/2017			<0.001	<0.001	
1/27/2017	<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	
3/17/2017		<0.001			
4/11/2017		<0.001			
4/25/2017			<0.001	<0.001	<0.001
4/26/2017	<0.001	<0.001			
5/17/2017		<0.001			
6/7/2017		<0.001			
7/11/2017		<0.001			
8/9/2017	<0.001		<0.001	<0.001	<0.001
3/29/2018	<0.001	<0.001		<0.001	
3/30/2018			<0.001		<0.001
2/26/2019					0.00033 (J)
2/27/2019	0.00068 (J)	<0.001	<0.001	0.00014 (J)	
4/3/2019	0.00047 (J)	<0.001			
4/4/2019			<0.001	<0.001	<0.001
9/18/2019	0.00045 (J)	<0.001	<0.001	<0.001	<0.001
2/5/2020	0.00045 (J)	<0.001			
2/7/2020			<0.001	<0.001	<0.001
3/18/2020			<0.001	<0.001	0.0002 (J)
3/19/2020	0.0006 (J)	0.00017 (J)			
9/23/2020			<0.001	<0.001	<0.001
9/24/2020	<0.001	0.00018 (J)			
2/4/2021	0.00038 (J)	0.00013 (J)	0.0003 (J)	0.00013 (J)	<0.001
3/11/2021	0.00075 (J)	0.00031 (J)		<0.001	<0.001
3/12/2021			<0.001		
8/25/2021	0.00025 (J)	0.00041 (J)		<0.001	<0.001
8/26/2021			<0.001		
3/3/2022	0.00023 (J)	0.00057 (J)	<0.001	<0.001	
3/4/2022					<0.001
8/16/2022					<0.001
8/17/2022			<0.001	<0.001	
8/18/2022	0.0011				
8/19/2022		0.00036 (J)			
2/15/2023			<0.001	<0.001	
2/16/2023	0.00027 (J)	0.00024 (J)			<0.001
8/15/2023				<0.001	
8/16/2023	0.00025 (J)	0.00022 (J)	<0.001		<0.001
2/15/2024	<0.001	0.00029 (J)	<0.001	<0.001	<0.001
7/30/2024				<0.001	
7/31/2024	0.00026 (J)		<0.001		<0.001

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

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
8/2/2024		<0.001			
2/11/2025					<0.001
2/12/2025	0.00022 (J)	<0.001		<0.001	
2/13/2025			<0.001		
Mean	0.0006552	0.0007152	0.000972	0.0009308	0.0009412
Std. Dev.	0.0003242	0.0003651	0.00014	0.0002395	0.0002044
Upper Lim.	0.001	0.001	0.001	0.001	0.001
Lower Lim.	0.00038	0.00031	0.0003	0.00014	0.00033

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

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-22	WGWC-23	WGWC-24	WGWC-25
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				
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	<0.001				
3/11/2021	<0.001				
8/26/2021	<0.001	0.00022 (J)	<0.001	0.0012	<0.001
1/11/2022		0.00023 (J)	<0.001	0.00082 (J)	<0.001
3/3/2022	0.0003 (J)			0.00076 (J)	
3/4/2022		0.00036 (J)	<0.001		<0.001
6/6/2022			<0.001	0.00047 (J)	
6/7/2022		<0.001			<0.001
8/17/2022	<0.001		<0.001		<0.001
8/18/2022				0.00032 (J)	
8/19/2022		0.00037 (J)			
2/15/2023		0.00023 (J)	0.0046	0.00056 (J)	<0.001
2/16/2023	<0.001				
8/15/2023					<0.001
8/16/2023	<0.001				
8/17/2023		<0.001	<0.001	0.00029 (J)	
2/14/2024		<0.001		0.00037 (J)	
2/15/2024	<0.001		<0.001		<0.001
7/31/2024	<0.001		<0.001	0.00025 (J)	<0.001
8/2/2024		<0.001			
2/12/2025		<0.001			0.00065 (J)
2/13/2025	<0.001		0.002	0.0005 (J)	
Mean	0.000972	0.000641	0.00146	0.000554	0.000965
Std. Dev.	0.00014	0.0003818	0.001147	0.0002965	0.0001107
Upper Lim.	0.001	0.001	0.002	0.0008185	0.001
Lower Lim.	0.0003	0.00023	0.001	0.0002895	0.001

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

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-28D	PZ-26D
8/17/2023		<0.001
9/26/2023	<0.001	
2/14/2024	0.00022 (J)	
2/15/2024		<0.001
8/1/2024	<0.001	<0.001
2/12/2025	<0.001	
2/13/2025		0.001
Mean	0.000805	0.001
Std. Dev.	0.00039	2.4E-11
Upper Lim.	0.001	0.001
Lower Lim.	0.00022	0.001

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

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12
5/18/2016			0.032 (J)		
5/19/2016	0.0215 (J)	0.0335 (J)		<0.005	<0.05
7/20/2016	0.026	0.024	0.021	<0.005	0.0057
9/14/2016		0.039	0.02	<0.005	0.0077
9/15/2016	0.057				
11/11/2016			0.017	<0.005	0.007
11/14/2016	0.017				
1/27/2017				<0.005	0.0074
2/6/2017	0.012		0.016		
2/9/2017		0.04			
3/15/2017	0.014	0.035	0.014	<0.005	0.0077
4/11/2017		0.034			
4/26/2017	0.0091	0.029	0.011	<0.005	0.0011
8/10/2017	0.013	0.038	0.011	<0.005	0.0064
3/29/2018	0.018	0.048		0.0018 (J)	0.01
3/30/2018			0.016		
6/14/2018	0.015	0.034	0.0084	0.0011 (J)	0.0062
10/4/2018	0.013	0.039	0.0085	0.0014 (J)	0.0066
2/27/2019	0.014		0.0068	<0.005	0.0068
2/28/2019		0.037			
4/3/2019	0.015	0.035		<0.005	0.0075
4/4/2019			0.0059		
9/19/2019	0.014	0.036	0.0075	<0.005	0.0067
2/5/2020		0.034	0.0061	<0.005	0.0063
2/7/2020	0.014				
3/18/2020			0.0071	<0.005	0.0081
3/19/2020	0.015	0.039			
9/22/2020	0.013				
9/23/2020		0.033	0.0054		0.007
9/24/2020				<0.005	
2/3/2021	0.014			<0.005	0.0075
2/4/2021		0.035	0.0049 (J)		
3/11/2021	0.013		0.0051		
3/12/2021		0.034		<0.005	0.0089
8/25/2021				<0.005	0.0061
8/26/2021	0.013	0.03	0.0044 (J)		
3/3/2022	0.014	0.03	0.0038 (J)	<0.005	
3/4/2022					0.0061
8/16/2022	0.014			0.00092 (J)	
8/17/2022		0.028			
8/18/2022					0.0063
8/19/2022			0.0049 (J)		
2/15/2023		0.033			
2/16/2023	0.01		0.0025 (J)	<0.005	0.0036 (J)
8/15/2023	0.0084				
8/16/2023		0.03		<0.005	0.0056
8/17/2023			0.0024 (J)		
2/13/2024	0.012				
2/14/2024		0.026			0.0045 (J)
2/15/2024			0.0088		
2/16/2024				<0.005	
7/31/2024			0.0048 (J)	0.0025 (J)	0.0089

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

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12
8/1/2024	0.016	0.032			
2/11/2025	0.011	0.029		<0.005	0.0032 (J)
2/13/2025			<0.005		
Mean	0.01578	0.03387	0.009548	0.00436	0.007181
Std. Dev.	0.008964	0.004972	0.006978	0.00139	0.004004
Upper Lim.	0.015	0.03624	0.01164	0.005	0.0077
Lower Lim.	0.013	0.0315	0.005906	0.0025	0.0061

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

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
5/18/2016			<0.005	<0.005	<0.05
5/19/2016	<0.005				
7/19/2016			0.0036 (J)	0.0091	
7/20/2016	<0.005				0.0042 (J)
9/14/2016	<0.005		<0.005	0.012	0.0058
11/10/2016	0.0038 (J)		0.0064	0.013	0.0066
1/20/2017					0.0044 (J)
1/24/2017			0.0075	0.011	
1/27/2017	<0.005				
2/8/2017		0.0039 (J)			
2/23/2017		<0.005			
3/14/2017			0.0057		0.0048 (J)
3/15/2017	<0.005			0.01	
3/17/2017		<0.005			
4/11/2017		<0.005			
4/25/2017			0.0059	0.0081	0.0049 (J)
4/26/2017	<0.005	<0.005			
5/17/2017		0.0033 (J)			
6/7/2017		<0.005			
7/11/2017		<0.005			
8/9/2017	<0.005		0.0068	0.013	0.0067
3/29/2018	0.0022 (J)	0.0025 (J)		0.015	
3/30/2018			0.0077		0.0067
6/14/2018	0.0018 (J)	0.0018 (J)	0.0052	0.009	0.0046 (J)
10/3/2018			0.006		
10/4/2018	0.0025 (J)	0.0016 (J)		0.012	0.005
2/26/2019					0.0063
2/27/2019	<0.005	<0.005	0.0055	0.0075	
4/3/2019	<0.005	0.0015 (J)			
4/4/2019			0.0054	0.0077	0.0042 (J)
9/18/2019	<0.005	<0.005	0.0054	0.0056	0.0047 (J)
2/5/2020	<0.005	<0.005			
2/7/2020			0.0068	0.0053	0.0045 (J)
3/18/2020			0.0086	0.0057	0.0054
3/19/2020	<0.005	<0.005			
9/23/2020			0.0071	0.0059	0.0056
9/24/2020	<0.005	<0.005			
2/4/2021	<0.005	<0.005	0.0086	0.0051	0.0047 (J)
3/11/2021	0.0037 (J)	0.0035 (J)		0.005	0.0049 (J)
3/12/2021			0.0096		
8/25/2021	<0.005	<0.005		0.0046 (J)	0.0048 (J)
8/26/2021			0.0059		
3/3/2022	0.0018 (J)	0.0019 (J)	0.0068	0.0041 (J)	
3/4/2022					0.0042 (J)
8/16/2022					0.0053
8/17/2022			0.0073	0.0042 (J)	
8/18/2022	0.0024 (J)				
8/19/2022		0.0021 (J)			
2/15/2023			0.0062	0.0044 (J)	
2/16/2023	<0.005	<0.005			0.0026 (J)
8/15/2023				<0.005	
8/16/2023	<0.005	<0.005	0.0055		0.0031 (J)

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

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 4/11/2025 2:46 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
2/15/2024	<0.005	<0.005	0.0055	0.0032 (J)	0.0026 (J)
7/30/2024				<0.005	
7/31/2024	0.0026 (J)		0.01		0.0029 (J)
8/2/2024		<0.005			
2/11/2025					0.0034 (J)
2/12/2025	<0.005	<0.005		0.0024 (J)	
2/13/2025			0.0052		
Mean	0.004289	0.004152	0.006267	0.007052	0.005478
Std. Dev.	0.001186	0.001319	0.001796	0.00373	0.004068
Upper Lim.	0.005	0.005	0.007123	0.008831	0.0056
Lower Lim.	0.0037	0.0033	0.00541	0.005273	0.0042

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

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 4/11/2025 2:47 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23
11/11/2016	0.045				
2/6/2017	0.05				
3/15/2017	0.052				
4/11/2017	0.048				
4/26/2017	0.044				
6/7/2017	0.047				
7/11/2017	0.045				
8/10/2017	0.056				
3/29/2018	0.072				
6/14/2018	0.048				
10/4/2018	0.062				
2/28/2019	0.045				
4/2/2019	0.052				
9/18/2019	0.052				
2/7/2020	0.044				
5/4/2020	0.049				
9/23/2020	0.056				
2/3/2021	0.06				
3/8/2021		0.11			
3/9/2021			0.022	0.011	<0.005
3/11/2021	0.051				
4/7/2021			0.031		<0.005
4/8/2021		0.11		0.0081	
8/26/2021	0.057	0.11	0.032	0.011	<0.005
1/11/2022			0.038	0.011	<0.005
1/12/2022		0.15			
3/3/2022	0.057		0.044		
3/4/2022		0.14		0.011	0.0015 (J)
6/6/2022			0.051		0.002 (J)
6/7/2022		0.12		0.0093	
8/16/2022			0.059		
8/17/2022	0.056				0.0017 (J)
8/18/2022		0.11			
8/19/2022				0.01	
2/15/2023				0.009	<0.005
2/16/2023	0.053	0.14	0.053		
8/11/2023		0.13			
8/16/2023	0.062				
8/17/2023			0.061	0.0069	<0.005
2/13/2024		0.15			
2/14/2024				0.0028 (J)	
2/15/2024	0.056		0.074		0.0044 (J)
7/31/2024	0.067	0.16			0.0042 (J)
8/1/2024			0.068		
8/2/2024				0.0086	
2/12/2025		0.14		0.0069	
2/13/2025	0.06		0.065		<0.005
Mean	0.05356	0.1308	0.05938	0.0088	0.004067
Std. Dev.	0.007202	0.01832	0.009782	0.002428	0.001436
Upper Lim.	0.05699	0.1452	0.06974	0.01056	0.005
Lower Lim.	0.05012	0.1165	0.04901	0.007365	0.0017

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

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 4/11/2025 2:47 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-24	WGWC-25	WGWC-27	WGWC-28D	PZ-26D
3/8/2021		0.0046 (J)			
3/9/2021	0.0084				
4/7/2021	0.0077				
4/8/2021		0.0044 (J)			
8/26/2021	0.0076	0.0044 (J)			
1/11/2022	0.0091	0.0043 (J)			
3/3/2022	0.0066				
3/4/2022		0.0035 (J)			
6/6/2022	0.0044 (J)				
6/7/2022		0.004 (J)			
8/17/2022		0.0036 (J)			
8/18/2022	0.0036 (J)				
10/19/2022			0.0072		
2/15/2023	0.0068	0.0031 (J)			
2/16/2023			0.024		
8/11/2023			0.036		
8/15/2023		<0.005			
8/17/2023	0.0022 (J)				0.028
9/26/2023				0.18	
11/7/2023				0.21	
2/14/2024	0.0044 (J)			0.21	
2/15/2024		0.0063	0.038		0.031
7/31/2024	0.0067	0.0037 (J)			
8/1/2024			0.029	0.2	0.032
2/12/2025		<0.005	0.026	0.19	
2/13/2025	0.0034 (J)				0.024
Mean	0.005908	0.004325	0.0267	0.198	0.02875
Std. Dev.	0.002222	0.0008582	0.01102	0.01304	0.003594
Upper Lim.	0.007651	0.004714	0.04184	0.2198	0.03691
Lower Lim.	0.004165	0.003445	0.01156	0.1762	0.02059

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

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 4/11/2025 2:47 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12
5/18/2016			<0.0002		
5/19/2016	<0.0002	<0.0002		<0.0002	<0.0002
7/20/2016	<0.0002	<0.0002	8.2E-05 (J)	8.2E-05 (J)	0.00011 (J)
9/14/2016		<0.0002	<0.0002	<0.0002	<0.0002
9/15/2016	0.00011 (J)				
11/11/2016			8.5E-05 (J)	0.00011 (J)	7.9E-05 (J)
11/14/2016	<0.0002				
1/27/2017				<0.0002	<0.0002
2/6/2017	7.8E-05 (J)		8.3E-05 (J)		
2/9/2017		<0.0002			
3/15/2017	0.00013 (J)	0.00013 (J)	0.00013 (J)	<0.0002	0.00018 (J)
4/11/2017		<0.0002			
4/26/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/10/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/29/2018	<0.0002	<0.0002		<0.0002	0.00011 (J)
3/30/2018			<0.0002		
6/14/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
10/4/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/27/2019	<0.0002		<0.0002	<0.0002	<0.0002
2/28/2019		<0.0002			
2/5/2020		<0.0002	<0.0002	<0.0002	<0.0002
2/7/2020	<0.0002				
3/18/2020			<0.0002	<0.0002	<0.0002
3/19/2020	<0.0002	<0.0002			
9/22/2020	<0.0002				
9/23/2020		<0.0002	<0.0002		<0.0002
9/24/2020				<0.0002	
2/3/2021	<0.0002			<0.0002	<0.0002
2/4/2021		<0.0002	<0.0002		
3/3/2022	<0.0002	<0.0002	<0.0002	<0.0002	
3/4/2022					<0.0002
8/16/2022	<0.0002			<0.0002	
8/17/2022		<0.0002			
8/18/2022					<0.0002
8/19/2022			<0.0002		
2/15/2023		<0.0002			
2/16/2023	<0.0002		<0.0002	<0.0002	<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				
2/14/2024		<0.0002			<0.0002
2/15/2024			<0.0002		
2/16/2024				<0.0002	
7/31/2024			<0.0002	<0.0002	<0.0002
8/1/2024	<0.0002	<0.0002			
2/11/2025	<0.0002	<0.0002		<0.0002	<0.0002
2/13/2025			<0.0002		
Mean	0.0001877	0.000197	0.0001817	0.000191	0.000186
Std. Dev.	3.332E-05	1.46E-05	4.16E-05	3.026E-05	3.488E-05
Upper Lim.	0.0002	0.0002	0.0002	0.0002	0.0002
Lower Lim.	0.00013	0.00013	0.00013	0.00011	0.00018

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

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 4/11/2025 2:47 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
5/18/2016			<0.0002	<0.0002	<0.0002
5/19/2016	<0.0002				
7/19/2016			9.3E-05 (J)	<0.0002	
7/20/2016	8.1E-05 (J)				7.4E-05 (J)
9/14/2016	<0.0002		<0.0002	<0.0002	<0.0002
11/10/2016	8.3E-05 (J)		8.5E-05 (J)	0.00012 (J)	<0.0002
1/20/2017					<0.0002
1/24/2017			<0.0002	7E-05 (J)	
1/27/2017	<0.0002				
2/8/2017		<0.0002			
2/23/2017		<0.0002			
3/14/2017			7.1E-05 (J)		<0.0002
3/15/2017	<0.0002			<0.0002	
3/17/2017		0.00013 (J)			
4/11/2017		<0.0002			
4/25/2017			<0.0002	0.00019 (J)	<0.0002
4/26/2017	<0.0002	<0.0002			
5/17/2017		<0.0002			
6/7/2017		<0.0002			
7/11/2017		<0.0002			
8/9/2017	<0.0002		<0.0002	<0.0002	<0.0002
3/29/2018	<0.0002	<0.0002		<0.0002	
3/30/2018			8.6E-05 (J)		<0.0002
6/14/2018	<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
2/26/2019					<0.0002
2/27/2019	<0.0002	<0.0002	<0.0002	<0.0002	
2/5/2020	<0.0002	<0.0002			
2/7/2020			<0.0002	<0.0002	<0.0002
3/18/2020			<0.0002	<0.0002	<0.0002
3/19/2020	<0.0002	<0.0002			
9/23/2020			<0.0002	<0.0002	<0.0002
9/24/2020	<0.0002	<0.0002			
2/4/2021	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/3/2022	<0.0002	<0.0002	<0.0002	<0.0002	
3/4/2022					<0.0002
8/16/2022					<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	
2/16/2023	<0.0002	<0.0002			<0.0002
8/15/2023				<0.0002	
8/16/2023	<0.0002	<0.0002	<0.0002		<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
8/2/2024		<0.0002			
2/11/2025					<0.0002
2/12/2025	<0.0002	<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 4/11/2025 2:47 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
Mean	0.0001897	0.000197	0.0001798	0.0001904	0.0001945
Std. Dev.	3.4E-05	1.46E-05	4.518E-05	3.111E-05	2.627E-05
Upper Lim.	0.0002	0.0002	0.0002	0.0002	0.0002
Lower Lim.	8.3E-05	0.00013	9.3E-05	0.00019	7.4E-05

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 4/11/2025 2:47 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23
11/11/2016	7.6E-05 (J)				
2/6/2017	0.00012 (J)				
3/15/2017	<0.0002				
4/11/2017	<0.0002				
4/26/2017	<0.0002				
6/7/2017	<0.0002				
7/11/2017	<0.0002				
8/10/2017	<0.0002				
3/29/2018	<0.0002				
6/14/2018	<0.0002				
10/4/2018	<0.0002				
2/28/2019	<0.0002				
2/7/2020	<0.0002				
5/4/2020	<0.0002				
9/23/2020	<0.0002				
2/3/2021	<0.0002				
8/26/2021		0.00033	0.0002	0.00018 (J)	0.00022
1/11/2022			<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
6/6/2022			<0.0002		<0.0002
6/7/2022		<0.0002		<0.0002	
8/16/2022			<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
2/16/2023	<0.0002	<0.0002	<0.0002		
8/11/2023		<0.0002			
8/16/2023	<0.0002				
8/17/2023			<0.0002	<0.0002	<0.0002
2/13/2024		<0.0002			
2/14/2024				<0.0002	
2/15/2024	<0.0002		<0.0002		<0.0002
7/31/2024	<0.0002	<0.0002			<0.0002
8/1/2024			<0.0002		
8/2/2024				<0.0002	
2/12/2025		<0.0002		<0.0002	
2/13/2025	<0.0002		<0.0002		<0.0002
Mean	0.0001911	0.000213	0.0002	0.000198	0.000202
Std. Dev.	3.013E-05	4.111E-05	1.6E-12	6.325E-06	6.325E-06
Upper Lim.	0.0002	0.0002	0.0002	0.0002	0.0002
Lower Lim.	0.00012	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 4/11/2025 2:47 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-24	WGWC-25
8/26/2021	0.00026	0.0019
1/11/2022	<0.0002	<0.0002
3/3/2022	<0.0002	
3/4/2022		<0.0002
6/6/2022	<0.0002	
6/7/2022		<0.0002
8/17/2022		<0.0002
8/18/2022	<0.0002	
2/15/2023	<0.0002	<0.0002
8/15/2023		<0.0002
8/17/2023	<0.0002	
2/14/2024	<0.0002	
2/15/2024		<0.0002
7/31/2024	<0.0002	<0.0002
2/12/2025		<0.0002
2/13/2025	<0.0002	
Mean	0.000206	0.00037
Std. Dev.	1.897E-05	0.0005376
Upper Lim.	0.0002	0.0002
Lower Lim.	0.0002	0.0002

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

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 4/11/2025 2:47 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13
5/18/2016		<0.015			
5/19/2016	0.00762 (J)		<0.015	<0.015	0.00491 (J)
7/20/2016	0.0084 (J)	<0.015	<0.015	0.00095 (J)	0.0025 (J)
9/14/2016	0.0071 (J)	0.00091 (J)	<0.015	0.0009 (J)	0.0028 (J)
11/10/2016					0.0016 (J)
11/11/2016		<0.015	<0.015	<0.015	
1/27/2017			<0.015	<0.015	0.0023 (J)
2/6/2017		<0.015			
2/9/2017	0.018				
3/15/2017	0.0057 (J)	<0.015	<0.015	<0.015	0.0022 (J)
4/11/2017	0.0047 (J)				
4/26/2017	0.004 (J)	<0.015	<0.015	<0.015	0.0019 (J)
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)		<0.015	<0.015	0.0028 (J)
3/30/2018		<0.015			
6/14/2018	0.0046 (J)	<0.015	<0.015	<0.015	0.0018 (J)
10/4/2018	0.003 (J)	<0.015	<0.015	<0.015	<0.015
2/27/2019		<0.015	<0.015	0.00063 (J)	0.0019 (J)
2/28/2019	0.0053				
4/3/2019	0.0026 (J)		<0.015	<0.015	<0.015
4/4/2019		<0.015			
9/18/2019					0.0021 (J)
9/19/2019	0.0048 (J)	<0.015	<0.015	0.00073 (J)	
2/5/2020	0.0044 (J)	<0.015	<0.015	<0.015	0.0012 (J)
3/18/2020		<0.015	<0.015	<0.015	
3/19/2020	0.0042 (J)				0.0018 (J)
9/23/2020	0.0027 (J)	<0.015		<0.015	
9/24/2020			0.0017 (J)		<0.015
2/3/2021			<0.015	<0.015	
2/4/2021	0.003 (J)	<0.015			0.0012 (J)
3/11/2021		<0.015			0.0013 (J)
3/12/2021	0.003 (J)		<0.015	0.00062 (J)	
8/25/2021			<0.015	<0.015	0.00092 (J)
8/26/2021	0.0028 (J)	<0.015			
3/3/2022	0.0027 (J)	<0.015	<0.015		0.00094 (J)
3/4/2022				<0.015	
8/16/2022			<0.015		
8/17/2022	0.0027 (J)				
8/18/2022				<0.015	0.00087 (J)
8/19/2022		<0.015			
2/15/2023	0.0025 (J)				
2/16/2023		<0.015	<0.015	<0.015	0.0013 (J)
8/16/2023	0.0031 (J)		<0.015	<0.015	0.0012 (J)
8/17/2023		<0.015			
2/14/2024	0.0033 (J)			<0.015	
2/15/2024		<0.015			0.0012 (J)
2/16/2024			<0.015		
7/31/2024		<0.015	<0.015	<0.015	0.0011 (J)
8/1/2024	0.0028 (J)				
2/11/2025	0.0033 (J)		<0.015	<0.015	
2/12/2025					0.0013 (J)

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

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 4/11/2025 2:47 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13
2/13/2025		<0.015			
Mean	0.004656	0.01396	0.01399	0.01198	0.002461
Std. Dev.	0.003105	0.003758	0.003631	0.005801	0.002004
Upper Lim.	0.0048	0.015	0.015	0.015	0.0025
Lower Lim.	0.0028	0.00093	0.0017	0.0046	0.0012

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

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 4/11/2025 2:47 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-15	WGWC-17	WGWC-19	WGWC-20
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)	
2/8/2017	<0.015				
2/23/2017	<0.015				
3/14/2017		0.0034 (J)	0.0044 (J)		
3/15/2017				<0.015	
3/17/2017	<0.015				
4/11/2017	<0.015			<0.015	
4/25/2017		0.004 (J)	0.0074 (J)		
4/26/2017	<0.015			<0.015	
5/17/2017	<0.015				
6/7/2017	0.001 (J)			0.0015 (J)	
7/11/2017	<0.015			<0.015	
8/9/2017		0.0042 (J)	0.0066 (J)		
8/10/2017				0.0016 (J)	
3/29/2018	<0.015			0.0012 (J)	
3/30/2018		0.0049 (J)	0.0024 (J)		
6/14/2018	<0.015	0.0056 (J)	0.0026 (J)	0.0014 (J)	
10/3/2018		0.0041 (J)			
10/4/2018	<0.015		0.00085 (J)	<0.015	
2/26/2019			0.0032 (J)		
2/27/2019	<0.015	0.0061			
2/28/2019				0.0013 (J)	
4/2/2019				<0.015	
4/3/2019	<0.015				
4/4/2019		0.0039 (J)	0.002 (J)		
9/18/2019	<0.015	0.0052	0.0026 (J)	0.0011 (J)	
2/5/2020	<0.015				
2/7/2020		0.0024 (J)	0.0025 (J)	0.0014 (J)	
3/18/2020		0.002 (J)	0.0024 (J)		
3/19/2020	<0.015				
5/4/2020				0.0013 (J)	
9/23/2020		0.0031 (J)	0.0027 (J)	0.0013 (J)	
9/24/2020	<0.015				
2/3/2021				0.0013 (J)	
2/4/2021	<0.015	0.0022 (J)	0.0025 (J)		
3/11/2021	<0.015		0.0022 (J)	0.0012 (J)	
3/12/2021		0.0019 (J)			
8/25/2021	<0.015		0.0022 (J)		
8/26/2021		0.0029 (J)		0.0011 (J)	0.00079 (J)
1/12/2022					0.00062 (J)
3/3/2022	<0.015	0.0025 (J)		0.0013 (J)	
3/4/2022			0.0021 (J)		<0.015
6/7/2022					<0.015
8/16/2022			0.0024 (J)		

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

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 4/11/2025 2:47 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-15	WGWC-17	WGWC-19	WGWC-20
8/17/2022		0.0025 (J)		0.001 (J)	
8/18/2022					<0.015
8/19/2022	<0.015				
2/15/2023		0.0027 (J)			
2/16/2023	<0.015		0.0022 (J)	0.0014 (J)	<0.015
8/11/2023					<0.015
8/16/2023	<0.015	0.003 (J)	0.0023 (J)	0.0013 (J)	
2/13/2024					<0.015
2/15/2024	<0.015	0.0021 (J)	0.0023 (J)	0.0014 (J)	
7/31/2024		0.0028 (J)	0.0023 (J)	0.0012 (J)	<0.015
8/2/2024	<0.015				
2/11/2025			0.0023 (J)		
2/12/2025	<0.015				0.00087 (J)
2/13/2025		0.0023 (J)		0.0014 (J)	
Mean	0.01448	0.004511	0.003682	0.004841	0.01073
Std. Dev.	0.002694	0.003167	0.002323	0.006126	0.006879
Upper Lim.	0.015	0.004959	0.00526	0.0016	0.015
Lower Lim.	0.001	0.002949	0.0023	0.0012	0.00079

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

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 4/11/2025 2:47 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-21	WGWC-22	WGWC-28D	PZ-26D
8/26/2021	0.044	<0.015		
1/11/2022	0.037	<0.015		
3/3/2022	0.036			
3/4/2022		0.00084 (J)		
6/6/2022	0.032			
6/7/2022		<0.015		
8/16/2022	0.042			
8/19/2022		<0.015		
2/15/2023		<0.015		
2/16/2023	0.034			
8/17/2023	0.029	<0.015		0.0025 (J)
9/26/2023			0.018	
2/14/2024		<0.015	0.0094 (J)	
2/15/2024	0.023			0.0024 (J)
8/1/2024	0.027		0.0089 (J)	0.0028 (J)
8/2/2024		0.0082 (J)		
2/12/2025		<0.015	0.0088 (J)	
2/13/2025	0.027			0.0027 (J)
Mean	0.0331	0.0129	0.01128	0.0026
Std. Dev.	0.006806	0.004747	0.004491	0.0001826
Upper Lim.	0.03917	0.015	0.018	0.003015
Lower Lim.	0.02703	0.0082	0.0088	0.002185

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

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 4/11/2025 2:47 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12
5/18/2016			<0.005		
5/19/2016	0.00518 (J)	0.00228 (J)		<0.005	<0.005
7/20/2016	0.0038	0.0016	<0.005	<0.005	<0.005
9/14/2016		0.0024	<0.005	<0.005	<0.005
9/15/2016	0.0034				
11/11/2016			<0.005	<0.005	<0.005
11/14/2016	0.0033				
1/27/2017				<0.005	<0.005
2/6/2017	0.0033		<0.005		
2/9/2017		0.0023			
3/15/2017	0.003	0.0031	<0.005	<0.005	<0.005
4/11/2017		0.0023			
4/26/2017	0.0032	0.0019	<0.005	<0.005	<0.005
8/10/2017	0.0031	0.0021	0.00031 (J)	0.00049 (J)	0.0021
3/29/2018	0.0034	0.0021		<0.005	<0.005
3/30/2018			<0.005		
6/14/2018	0.0031	0.0025	<0.005	<0.005	<0.005
10/4/2018	0.0033	0.002	<0.005	<0.005	<0.005
2/27/2019	0.0035		<0.005	<0.005	<0.005
2/28/2019		0.0027			
4/3/2019	0.0031	0.0019		<0.005	<0.005
4/4/2019			<0.005		
9/19/2019	0.0021 (J)	0.0026 (J)	<0.005	<0.005	<0.005
2/5/2020		0.0033 (J)	<0.005	<0.005	<0.005
2/7/2020	0.0048 (J)				
3/18/2020			<0.005	<0.005	<0.005
3/19/2020	0.0037 (J)	0.0033 (J)			
9/22/2020	0.0039 (J)				
9/23/2020		0.0029 (J)	<0.005		<0.005
9/24/2020				<0.005	
2/3/2021	0.0036 (J)			<0.005	<0.005
2/4/2021		0.003 (J)	<0.005		
3/11/2021	0.0038 (J)		<0.005		
3/12/2021		0.0034 (J)		<0.005	<0.005
8/25/2021				<0.005	<0.005
8/26/2021	0.0037 (J)	0.0028 (J)	<0.005		
3/3/2022	0.0038 (J)	0.0021 (J)	<0.005	<0.005	
3/4/2022					<0.005
8/16/2022	0.0075			<0.005	
8/17/2022		0.0022 (J)			
8/18/2022					<0.005
8/19/2022			<0.005		
2/15/2023		0.0037 (J)			
2/16/2023	0.0033 (J)		<0.005	<0.005	<0.005
8/15/2023	0.0037 (J)				
8/16/2023		0.0036 (J)		<0.005	<0.005
8/17/2023			<0.005		
2/13/2024	0.007				
2/14/2024		0.0022 (J)			<0.005
2/15/2024			<0.005		
2/16/2024				<0.005	
7/31/2024			<0.005	<0.005	<0.005

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

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 4/11/2025 2:47 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12
8/1/2024	0.0071	0.0032 (J)			
2/11/2025	0.0048 (J)	0.0029 (J)		<0.005	<0.005
2/13/2025			<0.005		
Mean	0.003981	0.002607	0.004826	0.004833	0.004893
Std. Dev.	0.001311	0.0005742	0.0009026	0.0008679	0.0005581
Upper Lim.	0.0039	0.002881	0.005	0.005	0.005
Lower Lim.	0.0033	0.002333	0.00031	0.00049	0.0021

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

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 4/11/2025 2:47 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-15	WGWC-16	WGWC-19	WGWC-20
5/18/2016		<0.005	0.00735 (J)		
7/19/2016		<0.005	0.0075		
9/14/2016		<0.005	0.0091		
11/10/2016		<0.005	0.0056		
11/11/2016				<0.005	
1/24/2017		<0.005	0.012		
2/6/2017				<0.005	
2/8/2017	<0.005				
2/23/2017	<0.005				
3/14/2017		<0.005			
3/15/2017			0.012	<0.005	
3/17/2017	<0.005				
4/11/2017	<0.005			<0.005	
4/25/2017		<0.005	0.013		
4/26/2017	<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	0.016		
8/10/2017				0.00036 (J)	
3/29/2018	0.0003 (J)		0.016	<0.005	
3/30/2018		<0.005			
6/14/2018	<0.005	0.0005 (J)	0.012	<0.005	
10/3/2018		<0.005			
10/4/2018	<0.005		0.013	<0.005	
2/27/2019	<0.005	<0.005	0.0081		
2/28/2019				<0.005	
4/2/2019				<0.005	
4/3/2019	<0.005				
4/4/2019		<0.005	0.0091		
9/18/2019	<0.005	<0.005	0.0044 (J)	<0.005	
2/5/2020	<0.005				
2/7/2020		<0.005	0.0036 (J)	<0.005	
3/18/2020		<0.005	0.0046 (J)		
3/19/2020	<0.005				
5/4/2020				<0.005	
9/23/2020		<0.005	0.0028 (J)	<0.005	
9/24/2020	<0.005				
2/3/2021				<0.005	
2/4/2021	<0.005	<0.005	0.0023 (J)		
3/11/2021	<0.005		0.0023 (J)	<0.005	
3/12/2021		<0.005			
8/25/2021	<0.005		0.0019 (J)		
8/26/2021		<0.005		<0.005	0.0016 (J)
1/12/2022					<0.005
3/3/2022	<0.005	<0.005	0.0018 (J)	<0.005	
3/4/2022					0.0014 (J)
6/7/2022					0.0014 (J)
8/17/2022		<0.005	<0.005	<0.005	
8/18/2022					0.0027 (J)
8/19/2022	<0.005				
2/15/2023		<0.005	0.0019 (J)		

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

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 4/11/2025 2:47 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-15	WGWC-16	WGWC-19	WGWC-20
2/16/2023	<0.005			<0.005	0.0017 (J)
8/11/2023					0.0016 (J)
8/15/2023			0.0018 (J)		
8/16/2023	<0.005	<0.005		<0.005	
2/13/2024					0.0035 (J)
2/15/2024	<0.005	<0.005	<0.005	<0.005	
7/30/2024			0.0015 (J)		
7/31/2024		<0.005		<0.005	0.0043 (J)
8/2/2024	<0.005				
2/12/2025	<0.005		<0.005		0.0026 (J)
2/13/2025		<0.005		<0.005	
Mean	0.004826	0.004833	0.006561	0.004828	0.00233
Std. Dev.	0.0009045	0.000866	0.0048	0.000893	0.0009821
Upper Lim.	0.005	0.005	0.007191	0.005	0.003206
Lower Lim.	0.0003	0.0005	0.003354	0.00036	0.001454

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

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 4/11/2025 2:47 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-22	WGWC-23	WGWC-24
8/26/2021	0.0049 (J)	0.002 (J)	<0.005
1/11/2022	0.0065	0.0024 (J)	<0.005
3/3/2022			0.00077 (J)
3/4/2022	0.0072	0.002 (J)	
6/6/2022		0.0018 (J)	<0.005
6/7/2022	0.0047 (J)		
8/17/2022		0.0013 (J)	
8/18/2022			<0.005
8/19/2022	0.0035 (J)		
2/15/2023	0.0077	0.0026 (J)	<0.005
8/17/2023	0.0038 (J)	0.0024 (J)	<0.005
2/14/2024	0.0041 (J)		<0.005
2/15/2024		0.003 (J)	
7/31/2024		0.0027 (J)	<0.005
8/2/2024	0.0036 (J)		
2/12/2025	0.003 (J)		
2/13/2025		0.0031 (J)	<0.005
Mean	0.0049	0.00233	0.004577
Std. Dev.	0.001661	0.0005599	0.001338
Upper Lim.	0.006382	0.00283	0.005
Lower Lim.	0.003418	0.00183	0.005

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

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 4/11/2025 2:47 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-14A	WGWC-16	WGWC-19
5/18/2016	<0.001			<0.001	
5/19/2016		<0.001			
7/19/2016				8.5E-05 (J)	
7/20/2016	<0.001	<0.001			
9/14/2016	<0.001	<0.001		0.00017 (J)	
11/10/2016				0.00017 (J)	
11/11/2016	<0.001	<0.001			<0.001
1/24/2017				0.00023 (J)	
1/27/2017		<0.001			
2/6/2017	<0.001				<0.001
2/8/2017			0.00011 (J)		
2/23/2017			0.00012 (J)		
3/15/2017	<0.001	<0.001		0.00021 (J)	<0.001
3/17/2017			<0.001		
4/11/2017			<0.001		<0.001
4/25/2017				0.00024 (J)	
4/26/2017	<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				0.0002 (J)	
8/10/2017	<0.001	<0.001			<0.001
3/29/2018		<0.001	0.0002 (J)	0.00019 (J)	<0.001
3/30/2018	8.5E-05 (J)				
6/14/2018	<0.001	<0.001	0.00014 (J)	0.00017 (J)	<0.001
10/4/2018	<0.001	<0.001	0.00013 (J)	0.00015 (J)	<0.001
2/27/2019	<0.001	<0.001	0.00016 (J)	0.00015 (J)	
2/28/2019					<0.001
4/2/2019					<0.001
4/3/2019		<0.001	0.00012 (J)		
4/4/2019	<0.001			9.5E-05 (J)	
9/18/2019			<0.001	<0.001	<0.001
9/19/2019	<0.001	<0.001			
2/5/2020	<0.001	<0.001	0.00022 (J)		
2/7/2020				<0.001	<0.001
3/18/2020	<0.001	<0.001		<0.001	
3/19/2020			0.00017 (J)		
5/4/2020					<0.001
9/23/2020	<0.001			<0.001	<0.001
9/24/2020		<0.001	<0.001		
2/3/2021		0.00016 (J)			0.00018 (J)
2/4/2021	<0.001		0.00021 (J)	<0.001	
3/11/2021	<0.001		0.00019 (J)	<0.001	<0.001
3/12/2021		<0.001			
8/25/2021		<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
8/16/2022		<0.001			
8/17/2022				<0.001	<0.001
8/19/2022	<0.001		<0.001		
2/15/2023				<0.001	
2/16/2023	<0.001	<0.001	<0.001		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 4/11/2025 2:47 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-14A	WGWC-16	WGWC-19
8/15/2023				<0.001	
8/16/2023		<0.001	<0.001		<0.001
8/17/2023	<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
8/2/2024			<0.001		
2/11/2025		<0.001			
2/12/2025			<0.001	<0.001	
2/13/2025	<0.001				<0.001
Mean	0.0009661	0.0009689	0.0006581	0.0006319	0.0009696
Std. Dev.	0.0001761	0.0001617	0.0004209	0.0004206	0.0001578
Upper Lim.	0.001	0.001	0.001	0.001	0.001
Lower Lim.	8.5E-05	0.00016	0.00017	0.00019	0.00018

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 4/11/2025 2:47 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-22	WGWC-24
8/26/2021	<0.001	0.00072 (J)
1/11/2022	<0.001	0.00062 (J)
3/3/2022		0.0006 (J)
3/4/2022	0.00047 (J)	
6/6/2022		0.00052 (J)
6/7/2022	<0.001	
8/18/2022		0.0003 (J)
8/19/2022	<0.001	
2/15/2023	<0.001	0.00045 (J)
8/17/2023	<0.001	0.00028 (J)
2/14/2024	<0.001	0.00033 (J)
7/31/2024		0.00031 (J)
8/2/2024	<0.001	
2/12/2025	<0.001	
2/13/2025		<0.001
Mean	0.000947	0.000463
Std. Dev.	0.0001676	0.0001547
Upper Lim.	0.001	0.000601
Lower Lim.	0.001	0.000325

ND substitution: RL or RL/2 if <15% NDs.

FIGURE I.

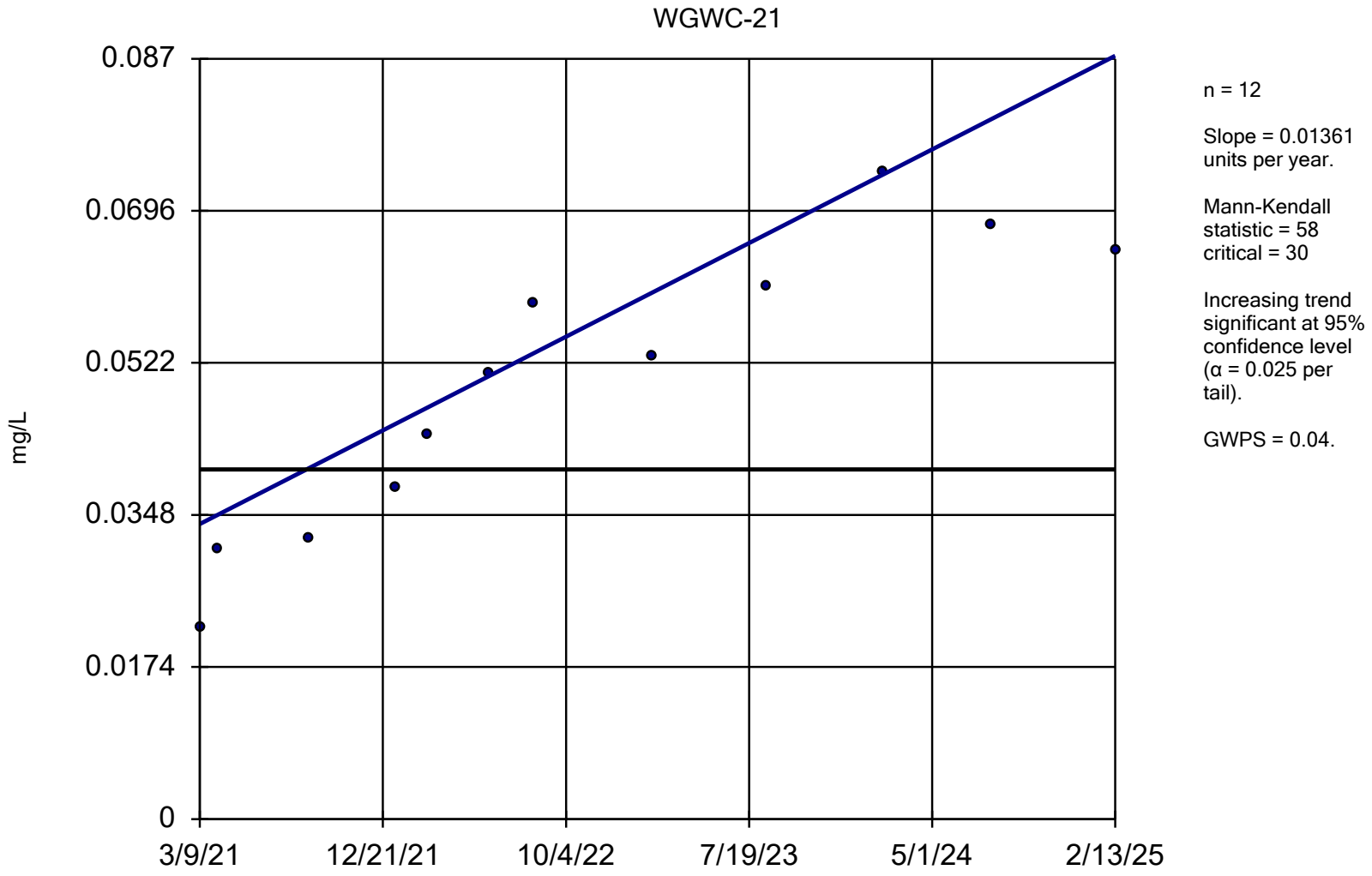
Lithium WGWC-21 Trend Test - All/Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/16/2025, 4:30 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Lithium (mg/L)	**WGWC-21**	**0.01361**	**58**	**30**	**Yes**	**12**	**0**	**n/a**	**0.05**	**NP**

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Sen's Slope Estimator



Constituent: Lithium Analysis Run 4/11/2025 2:48 PM View: Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

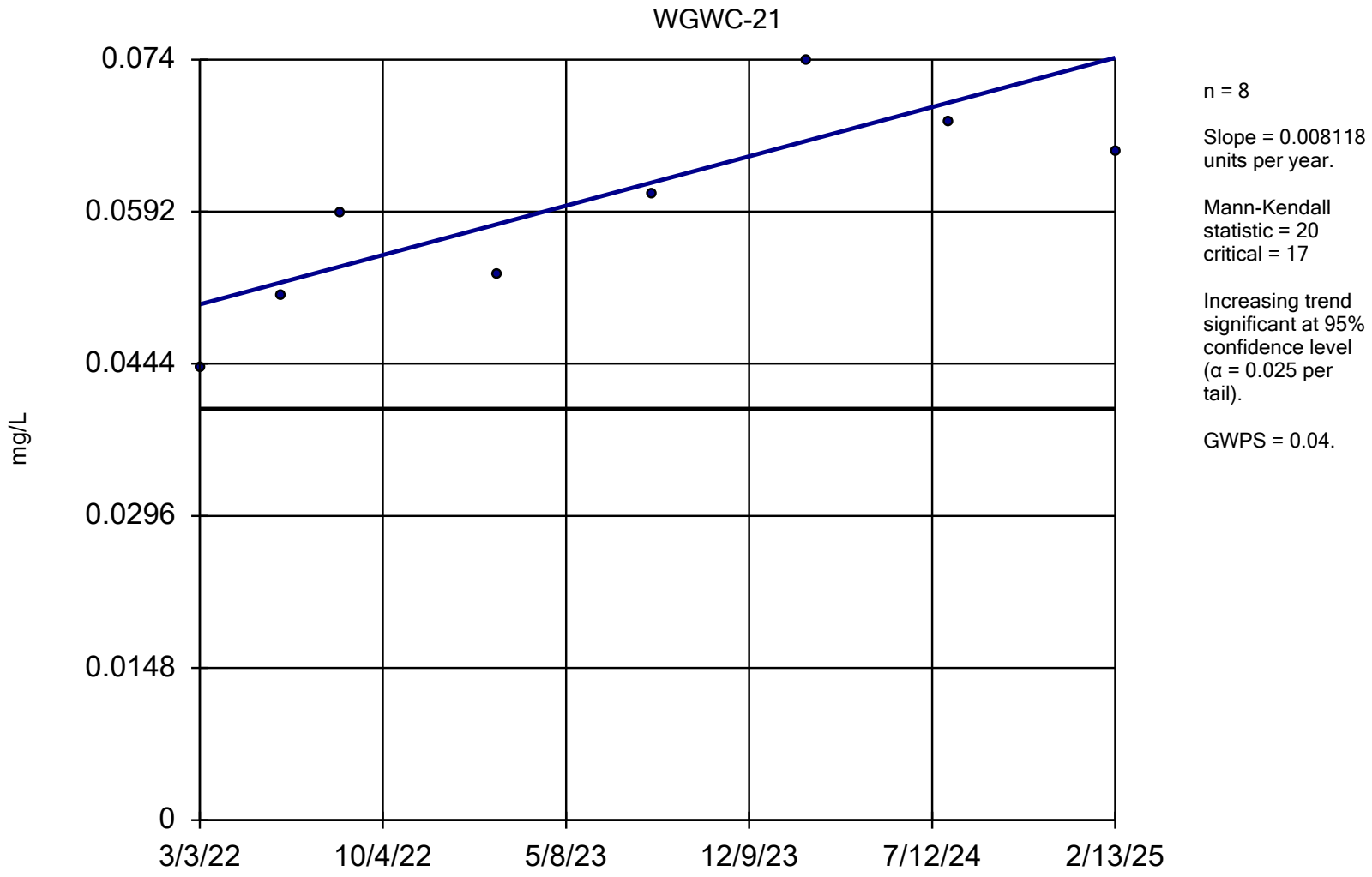
Lithium WGWC-21 Trend Test - Truncated Record - All/Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/17/2025, 2:06 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Lithium (mg/L)	**WGWC-21**	**0.008118**	**20**	**17**	**Yes**	**8**	**0**	**n/a**	**0.05**	**NP**

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Sen's Slope Estimator



Constituent: Lithium Analysis Run 4/11/2025 2:47 PM View: Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

FIGURE J.

Appendix IV Trend Tests - Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 2:52 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Beryllium (mg/L)	**WGWC-24**	**-0.002748**	**-26**	**-23**	**Yes**	**10**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-1 (bg)**	**-0.00006557**	**-220**	**-96**	**Yes**	**27**	**3.704**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-2 (bg)**	**-0.00008878**	**-257**	**-96**	**Yes**	**27**	**7.407**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-5 (bg)**	**-0.0002865**	**-116**	**-76**	**Yes**	**23**	**4.348**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-18 (bg)**	**-0.0002783**	**-186**	**-96**	**Yes**	**27**	**7.407**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWC-24**	**-0.02622**	**-27**	**-23**	**Yes**	**10**	**0**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	**WGWC-19**	**0.001603**	**144**	**96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	**WGWC-21**	**0.01361**	**58**	**30**	**Yes**	**12**	**0**	**n/a**	**0.05**	**NP**

Appendix IV Trend Tests - All Results

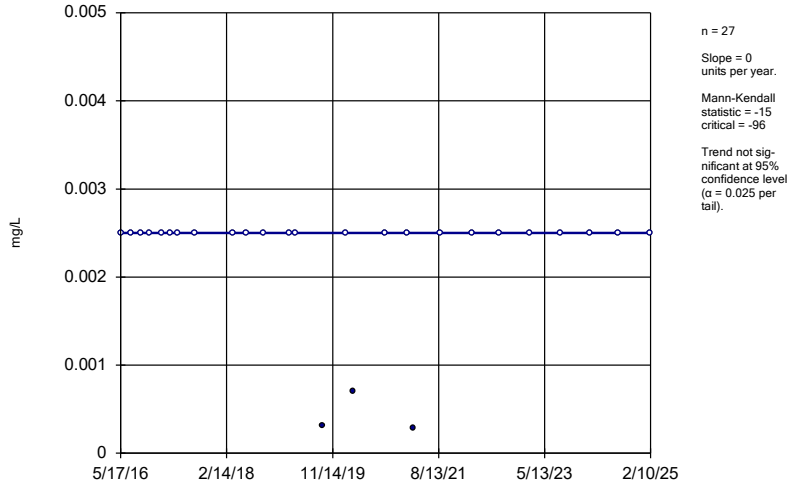
Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/11/2025, 2:52 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Beryllium (mg/L)	WGWA-1 (bg)	0	-15	-96	No	27	88.89	n/a	0.05	NP
Beryllium (mg/L)	WGWA-2 (bg)	0	-13	-96	No	27	88.89	n/a	0.05	NP
Beryllium (mg/L)	WGWA-3 (bg)	0	-15	-96	No	27	92.59	n/a	0.05	NP
Beryllium (mg/L)	WGWA-4 (bg)	0	0	96	No	27	100	n/a	0.05	NP
Beryllium (mg/L)	WGWA-5 (bg)	0	-2	-85	No	25	96	n/a	0.05	NP
Beryllium (mg/L)	WGWA-6 (bg)	0	0	96	No	27	96.3	n/a	0.05	NP
Beryllium (mg/L)	WGWA-7 (bg)	0	-2	-96	No	27	96.3	n/a	0.05	NP
Beryllium (mg/L)	WGWA-18 (bg)	0	0	96	No	27	100	n/a	0.05	NP
Beryllium (mg/L)	WGWC-20	0.0007813	12	23	No	10	0	n/a	0.05	NP
Beryllium (mg/L)	**WGWC-24**	**-0.002748**	**-26**	**-23**	**Yes**	**10**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-1 (bg)**	**-0.00006557**	**-220**	**-96**	**Yes**	**27**	**3.704**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-2 (bg)**	**-0.00008878**	**-257**	**-96**	**Yes**	**27**	**7.407**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	WGWA-3 (bg)	0	0	96	No	27	100	n/a	0.05	NP
Cobalt (mg/L)	WGWA-4 (bg)	0	4	96	No	27	96.3	n/a	0.05	NP
Cobalt (mg/L)	**WGWA-5 (bg)**	**-0.0002865**	**-116**	**-76**	**Yes**	**23**	**4.348**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	WGWA-6 (bg)	0	12	96	No	27	85.19	n/a	0.05	NP
Cobalt (mg/L)	WGWA-7 (bg)	0	-28	-96	No	27	62.96	n/a	0.05	NP
Cobalt (mg/L)	**WGWA-18 (bg)**	**-0.0002783**	**-186**	**-96**	**Yes**	**27**	**7.407**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWC-24**	**-0.02622**	**-27**	**-23**	**Yes**	**10**	**0**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	WGWA-1 (bg)	-0.0000132	-42	-90	No	26	34.62	n/a	0.05	NP
Lithium (mg/L)	WGWA-2 (bg)	0	-5	-90	No	26	0	n/a	0.05	NP
Lithium (mg/L)	WGWA-3 (bg)	0	25	90	No	26	88.46	n/a	0.05	NP
Lithium (mg/L)	WGWA-4 (bg)	-0.00001556	-12	-90	No	26	11.54	n/a	0.05	NP
Lithium (mg/L)	WGWA-5 (bg)	0	0	76	No	23	95.65	n/a	0.05	NP
Lithium (mg/L)	WGWA-6 (bg)	0	2	85	No	25	12	n/a	0.05	NP
Lithium (mg/L)	WGWA-7 (bg)	0	11	90	No	26	96.15	n/a	0.05	NP
Lithium (mg/L)	WGWA-18 (bg)	0	-18	-90	No	26	80.77	n/a	0.05	NP
Lithium (mg/L)	**WGWC-19**	**0.001603**	**144**	**96**	**Yes**	**27**	**0**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	WGWC-20	0.008513	30	30	No	12	0	n/a	0.05	NP
Lithium (mg/L)	**WGWC-21**	**0.01361**	**58**	**30**	**Yes**	**12**	**0**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	WGWC-28D	-0.00681	-1	-10	No	5	0	n/a	0.05	NP

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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 = -15
critical = -96

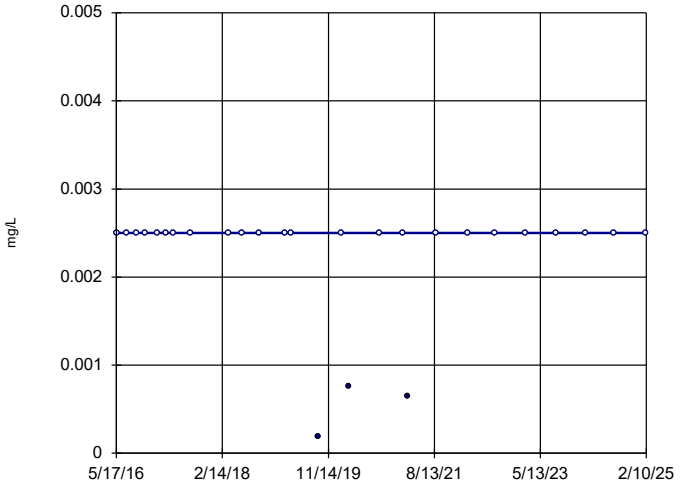
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Beryllium Analysis Run 4/11/2025 2:50 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 = 27

Slope = 0
units per year.

Mann-Kendall
statistic = -13
critical = -96

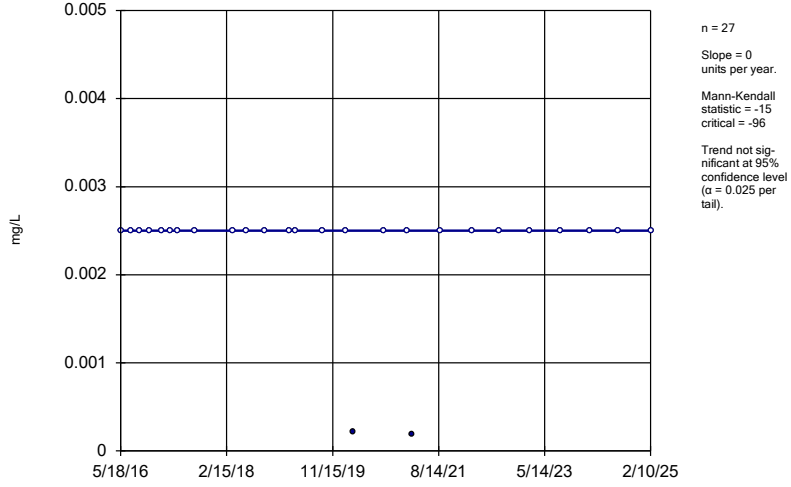
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Beryllium Analysis Run 4/11/2025 2:50 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 = 27

Slope = 0
units per year.

Mann-Kendall
statistic = -15
critical = -96

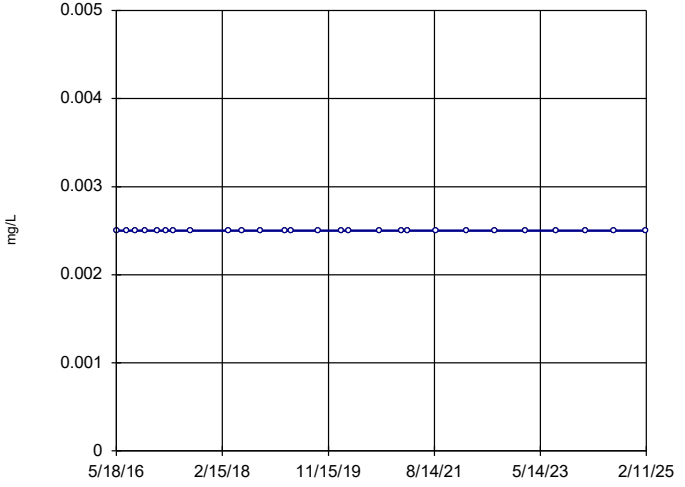
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Beryllium Analysis Run 4/11/2025 2:50 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 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

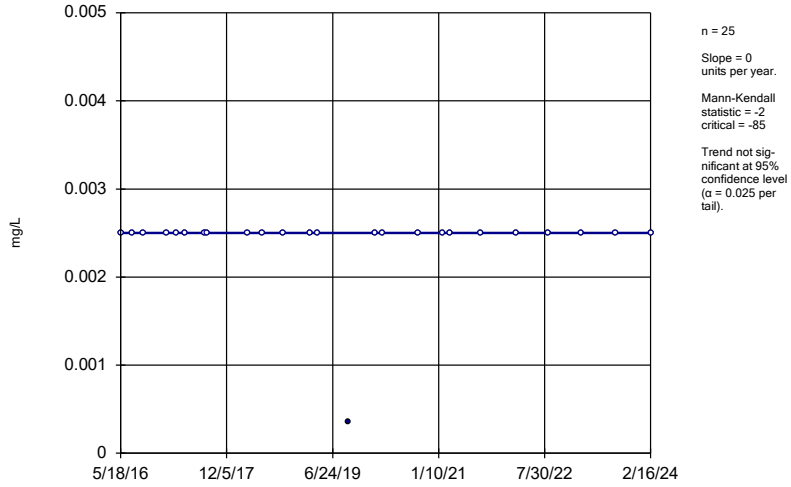
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Beryllium Analysis Run 4/11/2025 2:50 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 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

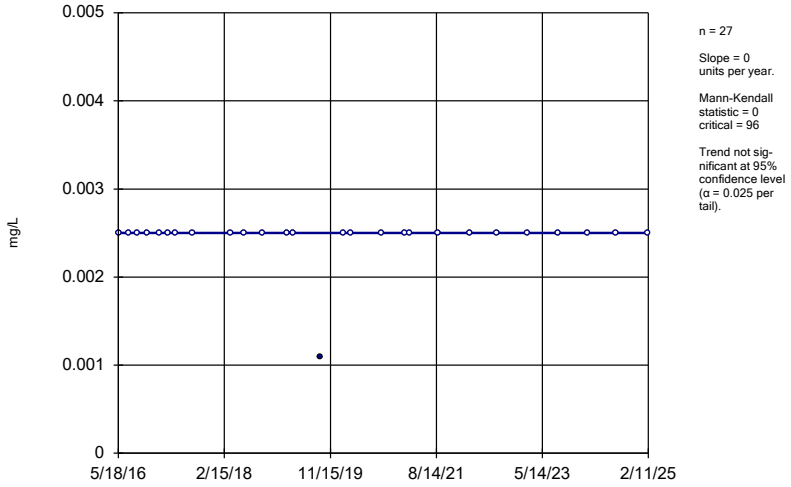
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Beryllium Analysis Run 4/11/2025 2:50 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 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 = 0 critical = 96

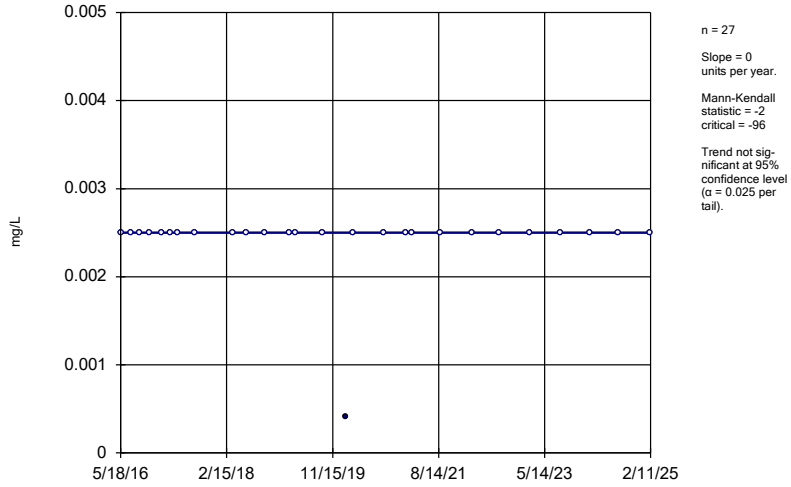
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Beryllium Analysis Run 4/11/2025 2:50 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 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 = -2 critical = -96

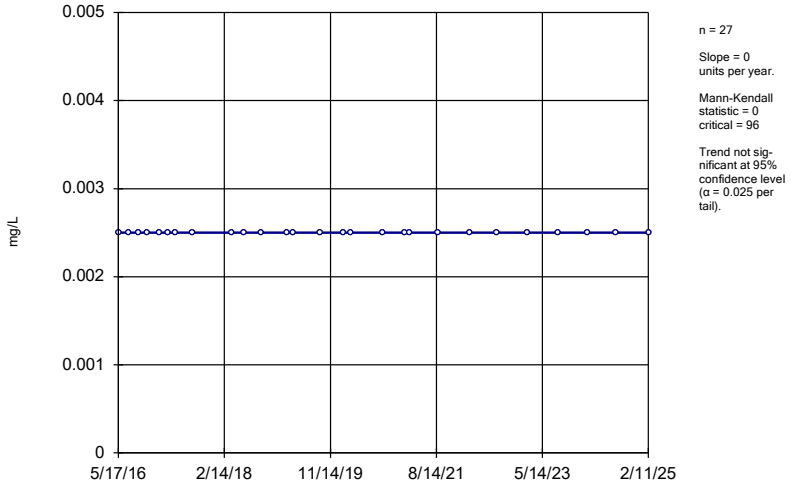
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Beryllium Analysis Run 4/11/2025 2:50 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 = 27

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 96

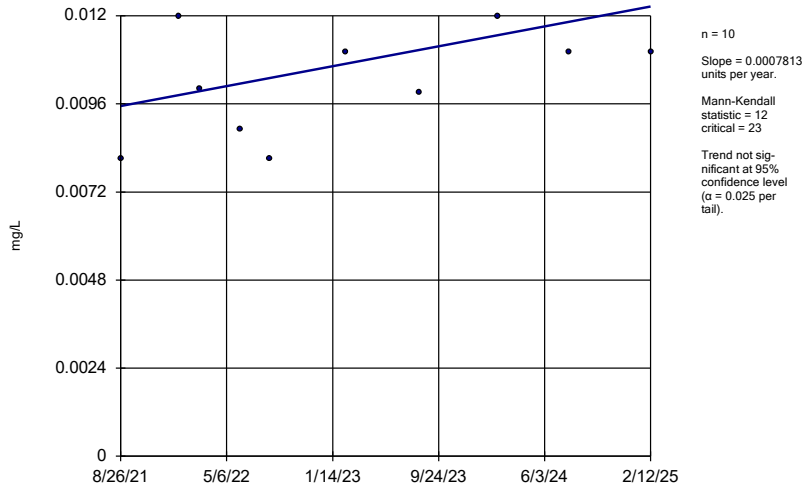
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Beryllium Analysis Run 4/11/2025 2:51 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 = 10

Slope = 0.0007813 units per year.

Mann-Kendall statistic = 12
critical = 23

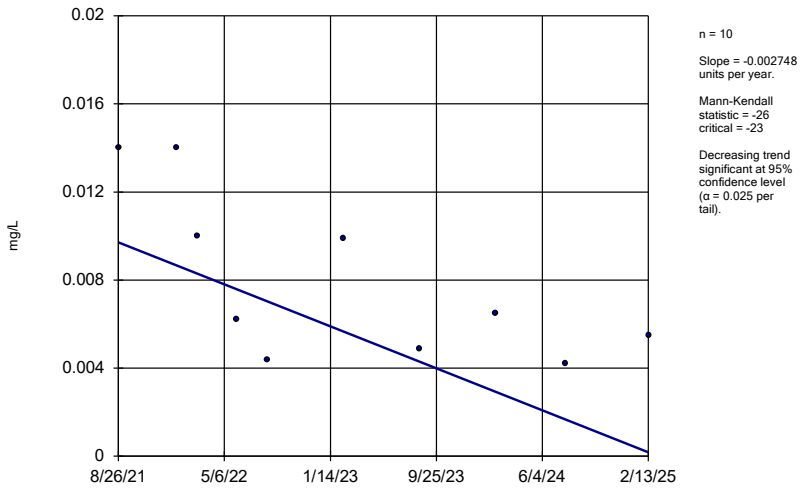
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Beryllium Analysis Run 4/11/2025 2:51 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 = 10

Slope = -0.002748 units per year.

Mann-Kendall statistic = -26
critical = -23

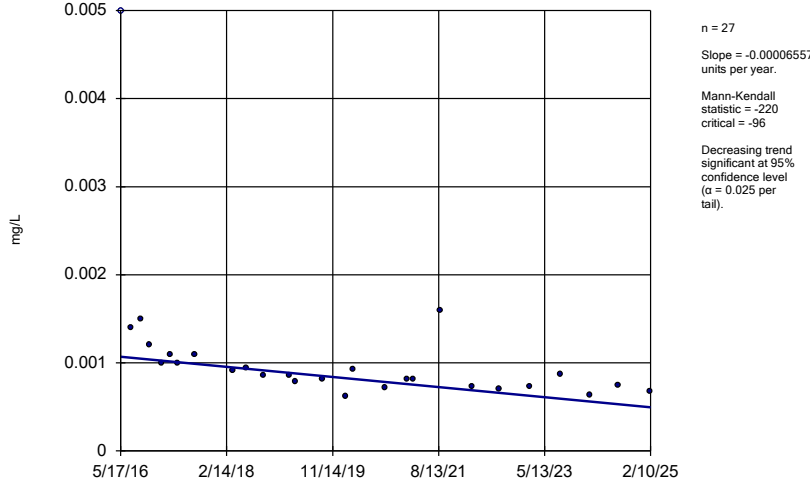
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Beryllium Analysis Run 4/11/2025 2:51 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 = 27

Slope = -0.00006557 units per year.

Mann-Kendall statistic = -220
critical = -96

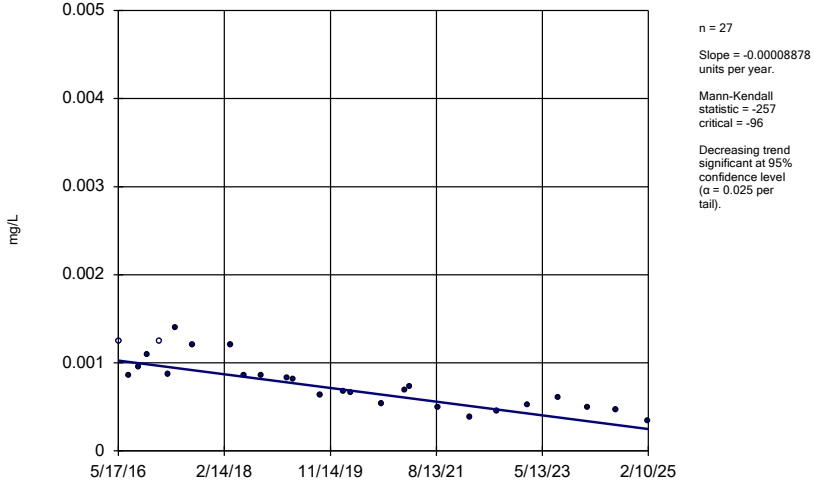
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/11/2025 2:51 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 = 27

Slope = -0.00008878 units per year.

Mann-Kendall statistic = -257
critical = -96

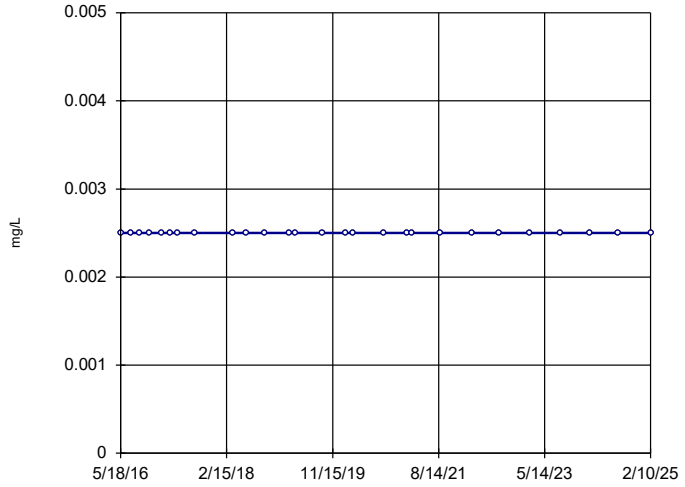
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/11/2025 2:51 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 = 27

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 96

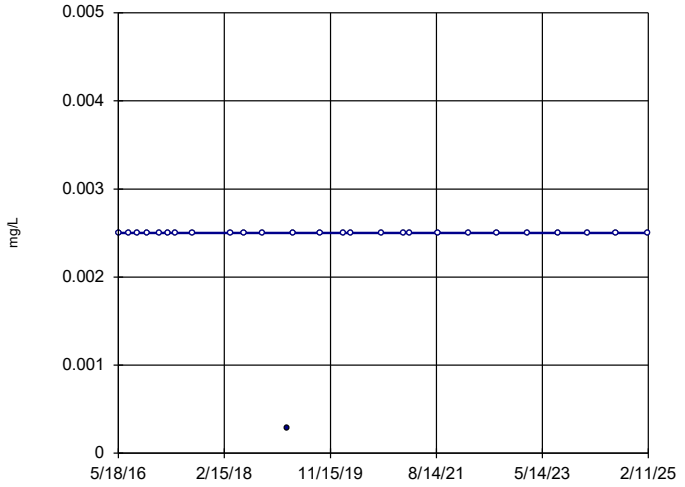
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Cobalt Analysis Run 4/11/2025 2:51 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 = 27

Slope = 0
units per year.

Mann-Kendall
statistic = 4
critical = 96

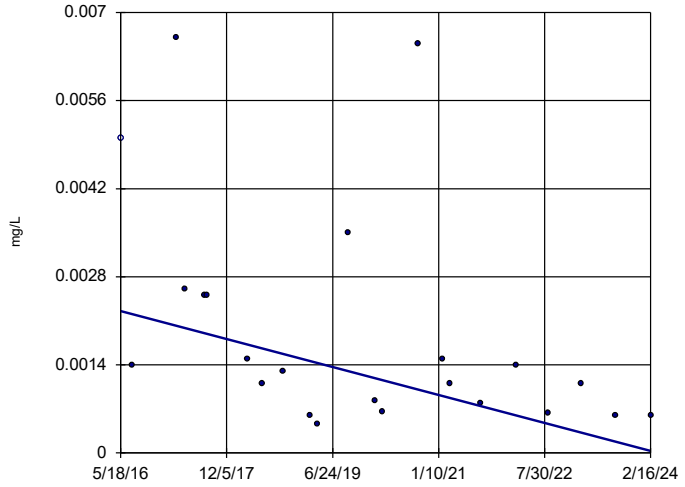
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Cobalt Analysis Run 4/11/2025 2:51 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 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

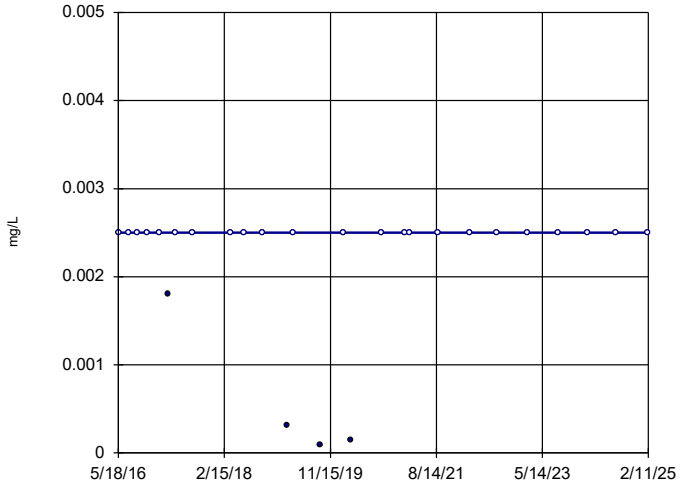
Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Cobalt Analysis Run 4/11/2025 2:51 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 = 27

Slope = 0
units per year.

Mann-Kendall
statistic = 12
critical = 96

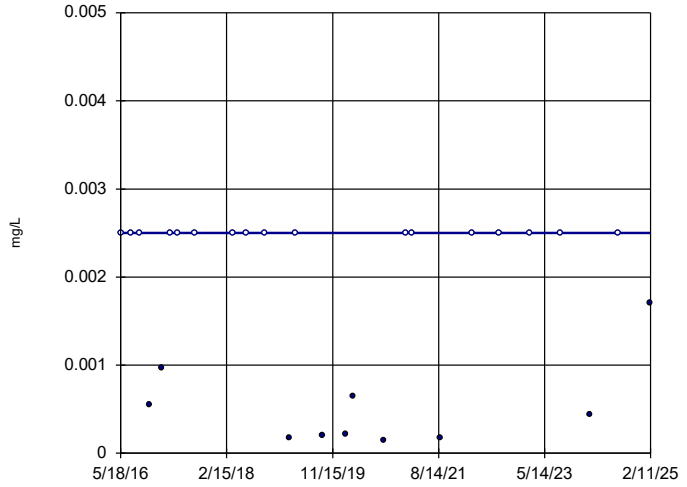
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Cobalt Analysis Run 4/11/2025 2:51 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 = 27

Slope = 0 units per year.

Mann-Kendall statistic = -28
critical = -96

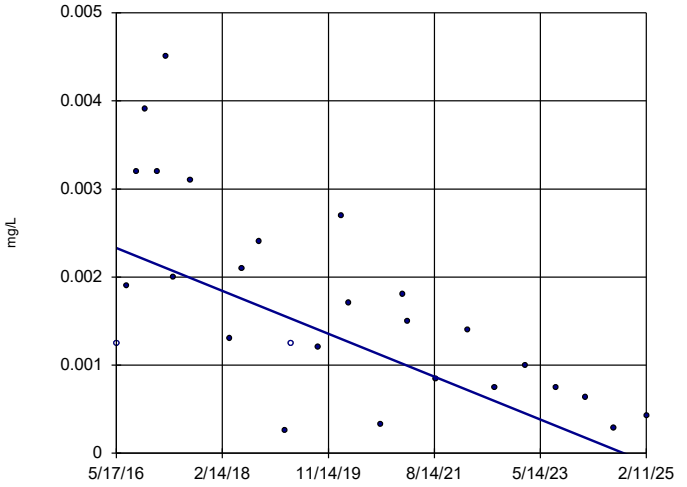
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/11/2025 2:51 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-18 (bg)



n = 27

Slope = -0.0002783 units per year.

Mann-Kendall statistic = -186
critical = -96

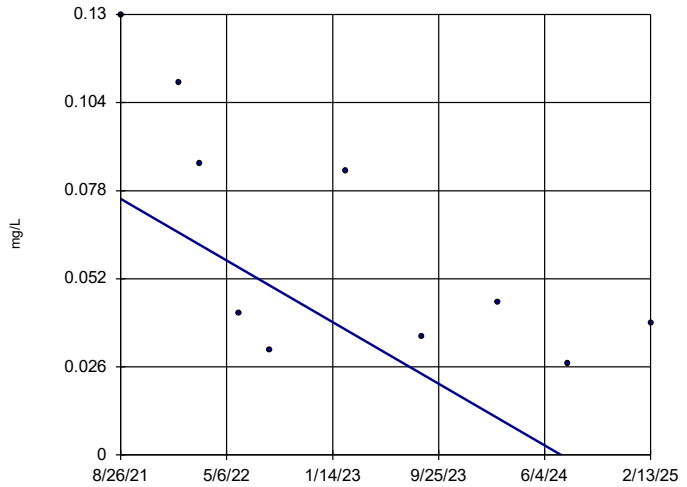
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/11/2025 2:51 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 = 10

Slope = -0.02622 units per year.

Mann-Kendall statistic = -27
critical = -23

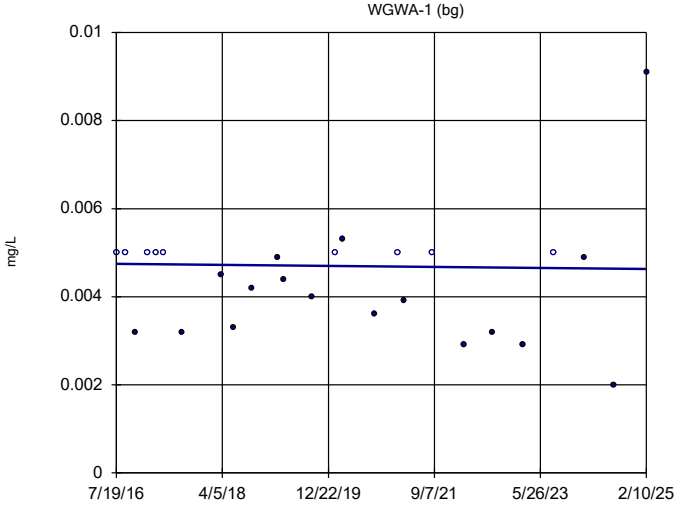
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/11/2025 2:51 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 = 26

Slope = -0.0000132 units per year.

Mann-Kendall statistic = -42
critical = -90

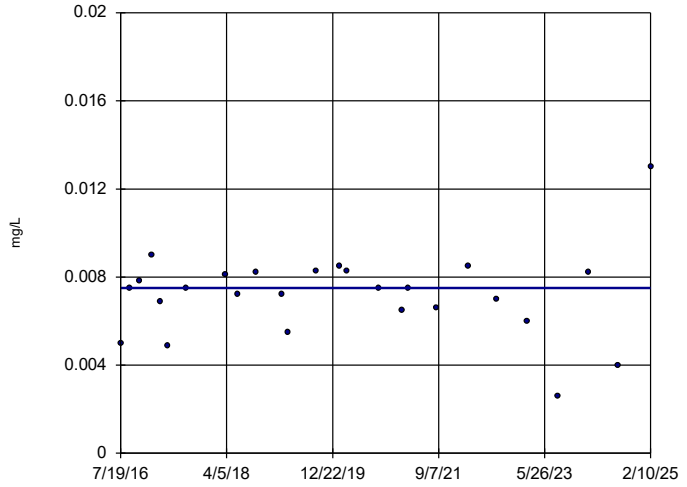
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lithium Analysis Run 4/11/2025 2:51 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWA-2 (bg)



n = 26

Slope = 0 units per year.

Mann-Kendall statistic = -5 critical = -90

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lithium Analysis Run 4/11/2025 2:51 PM View: Appendix IV Trend Tests

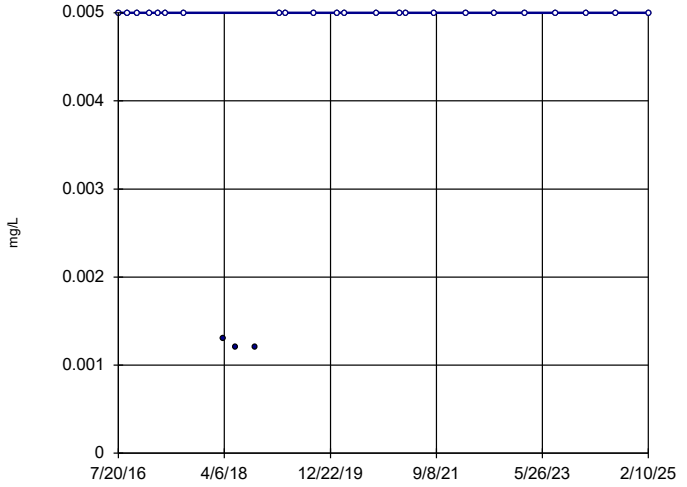
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-3 (bg)



n = 26

Slope = 0 units per year.

Mann-Kendall statistic = 25 critical = 90

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lithium Analysis Run 4/11/2025 2:51 PM View: Appendix IV Trend Tests

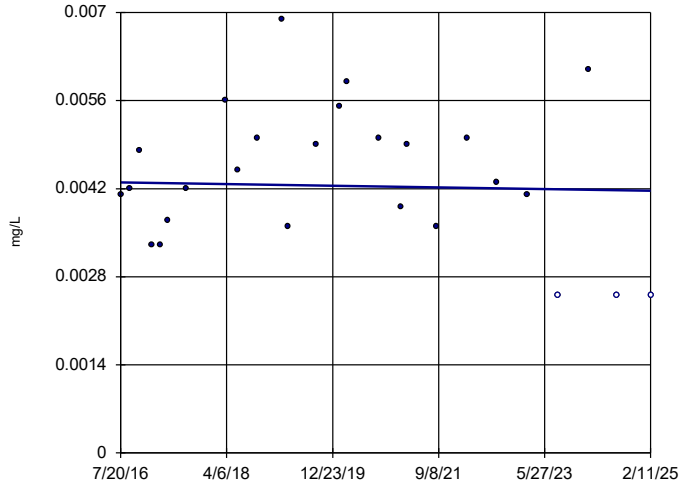
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-4 (bg)



n = 26

Slope = -0.00001556 units per year.

Mann-Kendall statistic = -12 critical = -90

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lithium Analysis Run 4/11/2025 2:51 PM View: Appendix IV Trend Tests

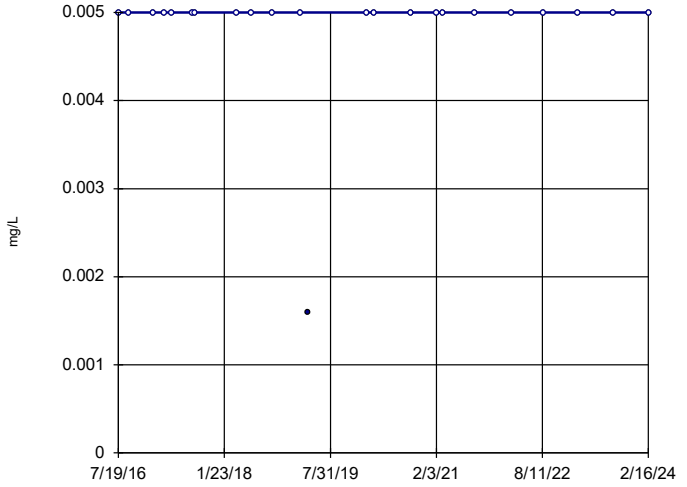
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 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).

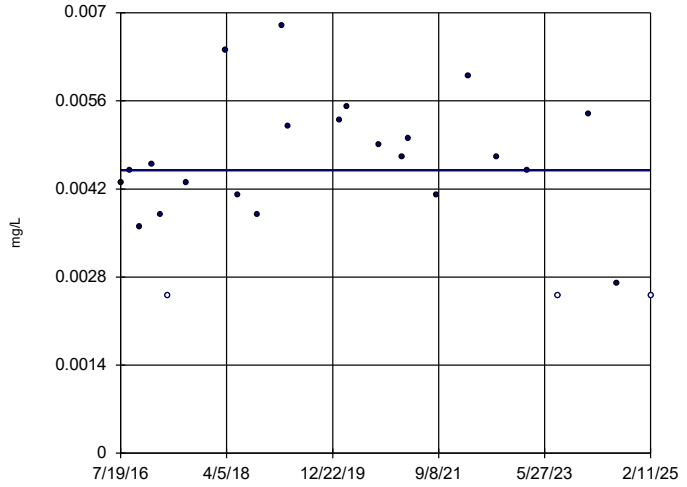
Constituent: Lithium Analysis Run 4/11/2025 2:51 PM View: Appendix IV Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-6 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = 2 critical = 85

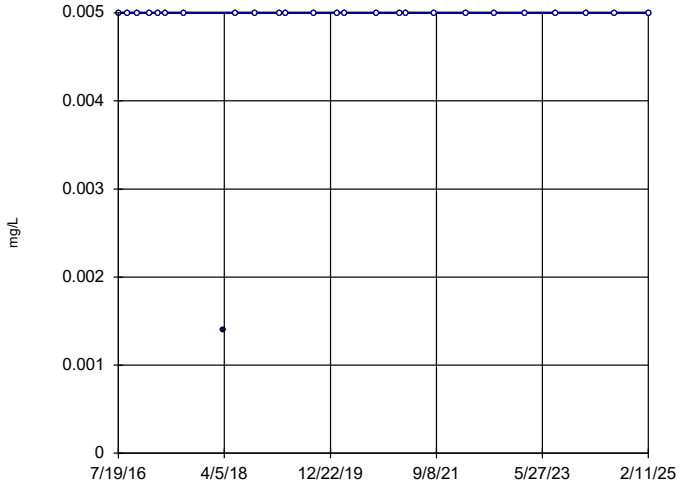
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lithium Analysis Run 4/11/2025 2:51 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 = 26

Slope = 0 units per year.

Mann-Kendall statistic = 11 critical = 90

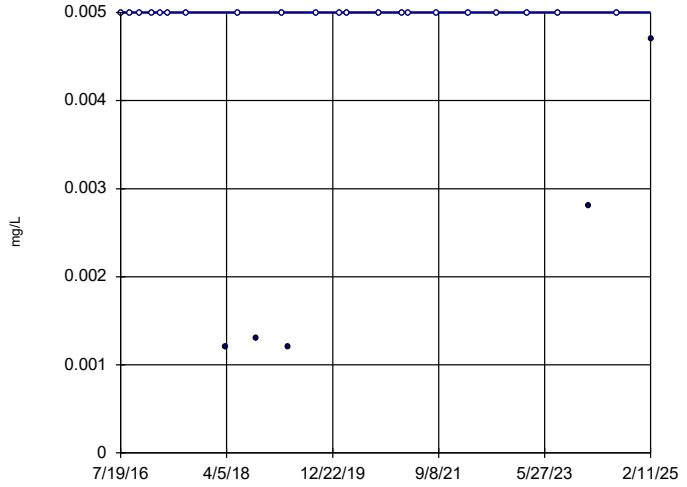
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lithium Analysis Run 4/11/2025 2:51 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 = 26

Slope = 0 units per year.

Mann-Kendall statistic = -18 critical = -90

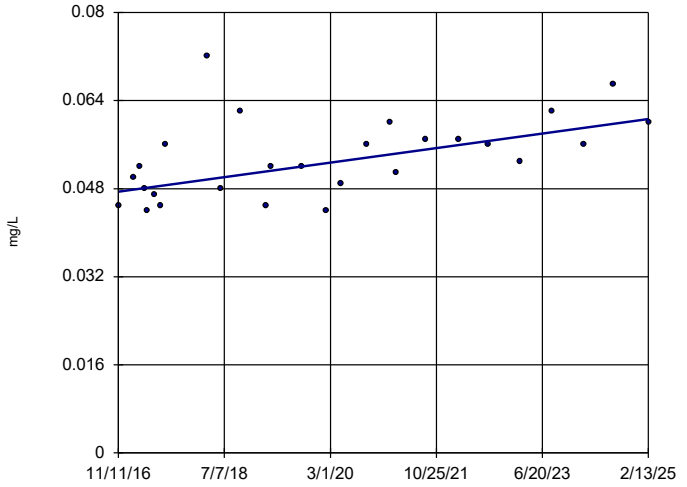
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lithium Analysis Run 4/11/2025 2:51 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-19



n = 27

Slope = 0.001603 units per year.

Mann-Kendall statistic = 144 critical = 96

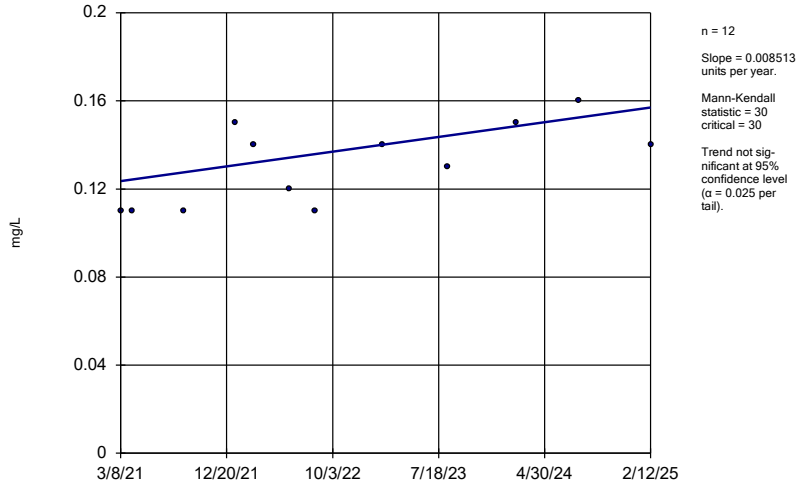
Increasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lithium Analysis Run 4/11/2025 2:51 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 = 0.008513 units per year.

Mann-Kendall statistic = 30 critical = 30

Trend not significant at 95% confidence level (α = 0.025 per tail).

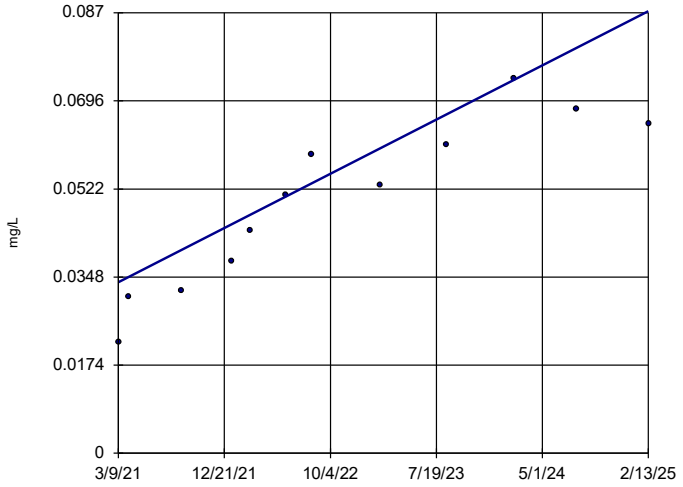
Constituent: Lithium Analysis Run 4/11/2025 2:51 PM View: Appendix IV Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-21



n = 12

Slope = 0.01361 units per year.

Mann-Kendall statistic = 58 critical = 30

Increasing trend significant at 95% confidence level (α = 0.025 per tail).

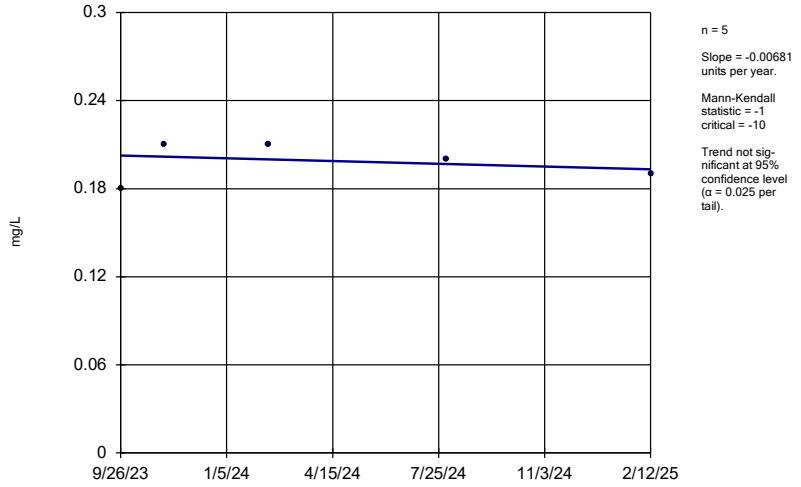
Constituent: Lithium Analysis Run 4/11/2025 2:51 PM View: Appendix IV Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

WGWC-28D



n = 5

Slope = -0.00681 units per year.

Mann-Kendall statistic = -1 critical = -10

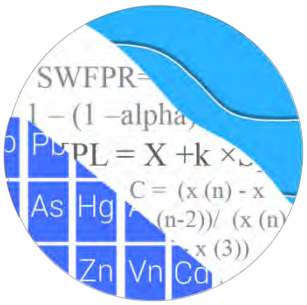
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lithium Analysis Run 4/11/2025 2:51 PM View: Appendix IV Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

GROUNDWATER STATS CONSULTING

January 30, 2026



Southern Company Services
Attn: Mr. Trey Singleton
3535 Colonnade Parkway
Birmingham, AL 35243

Re: Plant Wansley Ash Pond
August 2025 Statistical Analysis

Dear Mr. Singleton,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the August 2025 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-8, 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
  - **New 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

- **Assessment wells:** WGWC-27, WGWC-28D, PZ-26D, WAMW-1, and WAMW-2

Note that new 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 will be evaluated with interwell prediction limits and confidence intervals for Appendix III and IV constituents, respectively, at these wells 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.

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 Kristina Rayner, Founder and Senior Statistician of 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 sceening 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.

Statistical Methods – Appendix III Parameters:

Based on the earlier evaluation described above, Appendix III parameters are evaluated using interwell prediction limits combined with a 1-of-2 resample plan for the following constituents: boron, calcium, chloride, fluoride, pH, sulfate, and TDS.

Parametric prediction limits are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are non-detects, a nonparametric test is utilized. While the false positive rate associated with the parametric limits is based on an annual 10% (5% per semi-annual event) as recommended by the EPA Unified Guidance (2009), the false positive rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification resample plan. The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. After testing for normality and performing any adjustments as discussed below (US EPA, 2009), data are analyzed using either parametric or non-parametric prediction limits. Non-detects are handled as follows:

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% non-detects, simple substitution of one-half the 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.

Statistical Evaluation of Appendix III Parameters – August 2025

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. Although assessment wells are not evaluated with interwell prediction limits, resamples were collected in November 2025 for all Appendix III parameters at assessment well WGWC-28D. Data at assessment well WGWC-28D was screened with Tukey's outlier test to determine if the August 2025 event was anomalous compared to the remaining observations within the record. Tukey's outlier test identified a high value for TDS at WGWC-28D, and this observation was flagged in

the database. No other values were flagged for Appendix III parameters and a summary of 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 August 2025 (Figure D). Interwell prediction limits pool upgradient well data to establish a background limit for an individual constituent. The August 2025 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 to be a false positive result; therefore, no exceedance is noted and no further action is necessary. If no resample is collected, the original result is considered a confirmed exceedance. A summary table of the background prediction limits and exceedances follows this letter. Exceedances were identified for the following well/constituent pairs:

- Boron: WGWC-8, WGWC-9, WGWC-16, WGWC-20, WGWC-22, WGWC-24, and WGWC-25
- Calcium: WGWC-8, WGWC-20, and WGWC-21
- Chloride: WGWC-8, WGWC-16, WGWC-20, WGWC-21, WGWC-24, and WGWC-25
- Fluoride: WGWC-8, WGWC-9, WGWC-10, WGWC-15, WGWC-19, WGWC-20, WGWC-21, and WGWC-22
- Sulfate: WGWC-8, WGWC-9, WGWC-16, WGWC-20, WGWC-21, WGWC-22, and WGWC-24
- TDS: WGWC-8, WGWC-20, WGWC-21, and WGWC-25

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 E). 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-8, WGWC-9, and WGWC-20
- Calcium: WGWA-1 (upgradient) and WGWC-8
- Chloride: WGWA-2 (upgradient) and WGWC-8
- Sulfate: WGWA-4 (upgradient) and WGWC-8
- TDS: WGWA-1, WGWA-3 (both upgradient), and WGWC-8

Decreasing trends:

- Boron: WGWC-16 and WGWC-24
- Calcium: WGWA-18 (upgradient)
- Chloride: WGWA-5 (upgradient), WGWC-16, and WGWC-24
- Fluoride: WGWA-4, WGWA-18 (both upgradient), WGWC-9, WGWC-10, WGWC-15, and WGWC-22
- 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 Groundwater Protection Standards (GWPS). The GWPS may be either regulatory (Maximum Contaminant Limits 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 – August 2025

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. A resample was collected in November 2025 for lithium at assessment well WGWC-28D. Tukey's outlier test was used to determine whether the August 2025 sample was anomalous compared to the remaining observations within the record for lithium at this well. No outliers were identified; therefore, the August 2025 observation for lithium

at well WGWC-28D was not flagged. A complete list of outliers follows this report (Figure C).

Interwell Upper Tolerance Limits

Interwell tolerance limits were used to calculate site-specific background limits from all available pooled upgradient well data through August 2025 for Appendix IV constituents (Figure F). 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 G).

Confidence Intervals

To complete the statistical comparison to GWPS, confidence intervals were constructed using data through August 2025 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 were 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 H).

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 I). 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 J). Although the trend tests for Assessment monitoring pairs were previously evaluated using 99% confidence, the 95% confidence level more rapidly identifies statistically significant trends. Additionally, the 95% confidence level is recommended in cases with limited sample sizes and, particularly, for new assessment wells. 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

Resample Reports – November 2025

As mentioned above, a resample was collected in November 2025 for lithium at assessment well WGWC-28D. A confidence interval for lithium at WGWC-28D was compared to its respective GWPS (Figure K), and an exceedance was identified.

Summary

Observations from the August 2025 sample event and November 2025 resample 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-8, WGWC-9, WGWC-16, WGWC-20, WGWC-22, WGWC-24, and WGWC-25
- Calcium: WGWC-8, WGWC-20, and WGWC-21
- Chloride: WGWC-8, WGWC-16, WGWC-20, WGWC-21, WGWC-24, and WGWC-25
- Fluoride: WGWC-8, WGWC-9, WGWC-10, WGWC-15, WGWC-19, WGWC-20, WGWC-21, and WGWC-22
- Sulfate: WGWC-8, WGWC-9, WGWC-16, WGWC-20, WGWC-21, WGWC-22, and WGWC-24
- TDS: WGWC-8, WGWC-20, WGWC-21, and WGWC-25

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,



Andrew Collins
Project Manager



Kristina Rayner
Senior Statistician

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Summary Tables

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Date Ranges

Date: 10/22/2025 2:32 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

Lithium (mg/L)

WGWC-21 overall:3/3/2022-8/19/2025

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100% Non-Detects: Appendix IV Downgradient & Assessment

Analysis Run 10/22/2025 3:14 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-12, WGWC-13, WGWC-15, WGWC-17, WGWC-19, WAMW-1, WAMW-2, 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-8, 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-8, 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-8, WGWC-9, WGWC-12, WGWC-13, WGWC-15, WGWC-17, WGWC-20, WGWC-21, WGWC-23, WGWC-25, WGWC-27, WGWC-28D, WAMW-1, WAMW-2, PZ-26D

Appendix III Interwell Prediction Limits - Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:06 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-8	0.1	n/a	8/14/2025	3.1	Yes	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-9	0.1	n/a	8/19/2025	0.55	Yes	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-16	0.1	n/a	8/14/2025	0.56	Yes	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-20	0.1	n/a	8/14/2025	4	Yes	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-22	0.1	n/a	8/18/2025	0.29	Yes	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-24	0.1	n/a	8/18/2025	0.42	Yes	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-25	0.1	n/a	8/13/2025	0.74	Yes	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Calcium (mg/L)	WGWC-8	58	n/a	8/14/2025	97	Yes	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-20	58	n/a	8/14/2025	160	Yes	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-21	58	n/a	8/19/2025	60	Yes	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-8	6.05	n/a	8/14/2025	120	Yes	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-16	6.05	n/a	8/14/2025	26	Yes	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-20	6.05	n/a	8/14/2025	180	Yes	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-21	6.05	n/a	8/19/2025	56	Yes	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-24	6.05	n/a	8/18/2025	15	Yes	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-25	6.05	n/a	8/13/2025	12	Yes	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-8	0.284	n/a	8/14/2025	1	Yes	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-9	0.284	n/a	8/19/2025	0.9	Yes	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-10	0.284	n/a	8/19/2025	0.3	Yes	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-15	0.284	n/a	8/13/2025	0.74	Yes	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-19	0.284	n/a	8/14/2025	0.45	Yes	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-20	0.284	n/a	8/14/2025	2.4	Yes	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-21	0.284	n/a	8/19/2025	2	Yes	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-22	0.284	n/a	8/18/2025	0.34	Yes	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-8	21	n/a	8/14/2025	260	Yes	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-9	21	n/a	8/19/2025	47	Yes	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-16	21	n/a	8/14/2025	38	Yes	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-20	21	n/a	8/14/2025	380	Yes	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-21	21	n/a	8/19/2025	320	Yes	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-22	21	n/a	8/18/2025	54	Yes	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-24	21	n/a	8/18/2025	35	Yes	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-8	190	n/a	8/14/2025	740	Yes	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-20	190	n/a	8/14/2025	930	Yes	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-21	190	n/a	8/19/2025	700	Yes	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-25	190	n/a	8/13/2025	280	Yes	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:06 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-8**	**0.1**	**n/a**	**8/14/2025**	**3.1**	**Yes**	**197**	**n/a**	**n/a**	**95.43**	**n/a**	**n/a**	**0.00005078**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**WGWC-9**	**0.1**	**n/a**	**8/19/2025**	**0.55**	**Yes**	**197**	**n/a**	**n/a**	**95.43**	**n/a**	**n/a**	**0.00005078**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	WGWC-10	0.1	n/a	8/19/2025	0.08ND	No	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-11	0.1	n/a	8/18/2025	0.08ND	No	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-12	0.1	n/a	8/15/2025	0.08ND	No	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-13	0.1	n/a	8/14/2025	0.08ND	No	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-14A	0.1	n/a	8/14/2025	0.08ND	No	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-15	0.1	n/a	8/13/2025	0.08ND	No	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	**WGWC-16**	**0.1**	**n/a**	**8/14/2025**	**0.56**	**Yes**	**197**	**n/a**	**n/a**	**95.43**	**n/a**	**n/a**	**0.00005078**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	WGWC-17	0.1	n/a	8/13/2025	0.08ND	No	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-19	0.1	n/a	8/14/2025	0.08ND	No	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	**WGWC-20**	**0.1**	**n/a**	**8/14/2025**	**4**	**Yes**	**197**	**n/a**	**n/a**	**95.43**	**n/a**	**n/a**	**0.00005078**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	WGWC-21	0.1	n/a	8/19/2025	0.1	No	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	**WGWC-22**	**0.1**	**n/a**	**8/18/2025**	**0.29**	**Yes**	**197**	**n/a**	**n/a**	**95.43**	**n/a**	**n/a**	**0.00005078**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	WGWC-23	0.1	n/a	8/19/2025	0.08ND	No	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	**WGWC-24**	**0.1**	**n/a**	**8/18/2025**	**0.42**	**Yes**	**197**	**n/a**	**n/a**	**95.43**	**n/a**	**n/a**	**0.00005078**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**WGWC-25**	**0.1**	**n/a**	**8/13/2025**	**0.74**	**Yes**	**197**	**n/a**	**n/a**	**95.43**	**n/a**	**n/a**	**0.00005078**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	**WGWC-8**	**58**	**n/a**	**8/14/2025**	**97**	**Yes**	**205**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	WGWC-9	58	n/a	8/19/2025	10	No	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-10	58	n/a	8/19/2025	7.8	No	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-11	58	n/a	8/18/2025	1.6	No	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-12	58	n/a	8/15/2025	15	No	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-13	58	n/a	8/14/2025	3.6	No	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-14A	58	n/a	8/14/2025	0.7	No	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-15	58	n/a	8/13/2025	31	No	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-16	58	n/a	8/14/2025	17	No	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-17	58	n/a	8/13/2025	6.4	No	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-19	58	n/a	8/14/2025	12	No	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	**WGWC-20**	**58**	**n/a**	**8/14/2025**	**160**	**Yes**	**205**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**WGWC-21**	**58**	**n/a**	**8/19/2025**	**60**	**Yes**	**205**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	WGWC-22	58	n/a	8/18/2025	12	No	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-23	58	n/a	8/19/2025	2.8	No	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-24	58	n/a	8/18/2025	11	No	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-25	58	n/a	8/13/2025	19	No	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	**WGWC-8**	**6.05**	**n/a**	**8/14/2025**	**120**	**Yes**	**205**	**n/a**	**n/a**	**0.4878**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	WGWC-9	6.05	n/a	8/19/2025	5.4	No	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-10	6.05	n/a	8/19/2025	1.8	No	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-11	6.05	n/a	8/18/2025	4.3	No	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-12	6.05	n/a	8/15/2025	3.6	No	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-13	6.05	n/a	8/14/2025	1.5	No	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-14A	6.05	n/a	8/14/2025	2.5	No	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-15	6.05	n/a	8/13/2025	1.4	No	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	**WGWC-16**	**6.05**	**n/a**	**8/14/2025**	**26**	**Yes**	**205**	**n/a**	**n/a**	**0.4878**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	WGWC-17	6.05	n/a	8/13/2025	1.8	No	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-19	6.05	n/a	8/14/2025	3.3	No	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	**WGWC-20**	**6.05**	**n/a**	**8/14/2025**	**180**	**Yes**	**205**	**n/a**	**n/a**	**0.4878**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**WGWC-21**	**6.05**	**n/a**	**8/19/2025**	**56**	**Yes**	**205**	**n/a**	**n/a**	**0.4878**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	WGWC-22	6.05	n/a	8/18/2025	4.3	No	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-23	6.05	n/a	8/19/2025	3.4	No	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	**WGWC-24**	**6.05**	**n/a**	**8/18/2025**	**15**	**Yes**	**205**	**n/a**	**n/a**	**0.4878**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**WGWC-25**	**6.05**	**n/a**	**8/13/2025**	**12**	**Yes**	**205**	**n/a**	**n/a**	**0.4878**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	**WGWC-8**	**0.284**	**n/a**	**8/14/2025**	**1**	**Yes**	**229**	**n/a**	**n/a**	**49.34**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	**WGWC-9**	**0.284**	**n/a**	**8/19/2025**	**0.9**	**Yes**	**229**	**n/a**	**n/a**	**49.34**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	**WGWC-10**	**0.284**	**n/a**	**8/19/2025**	**0.3**	**Yes**	**229**	**n/a**	**n/a**	**49.34**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	WGWC-11	0.284	n/a	8/18/2025	0.17J	No	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-12	0.284	n/a	8/15/2025	0.22	No	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-13	0.284	n/a	8/14/2025	0.26	No	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-14A	0.284	n/a	8/14/2025	0.2	No	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	**WGWC-15**	**0.284**	**n/a**	**8/13/2025**	**0.74**	**Yes**	**229**	**n/a**	**n/a**	**49.34**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	WGWC-16	0.284	n/a	8/14/2025	0.23	No	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:06 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-17	0.284	n/a	8/13/2025	0.22	No	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	**WGWC-19**	**0.284**	**n/a**	**8/14/2025**	**0.45**	**Yes**	**229**	**n/a**	**n/a**	**49.34**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	**WGWC-20**	**0.284**	**n/a**	**8/14/2025**	**2.4**	**Yes**	**229**	**n/a**	**n/a**	**49.34**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	**WGWC-21**	**0.284**	**n/a**	**8/19/2025**	**2**	**Yes**	**229**	**n/a**	**n/a**	**49.34**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	**WGWC-22**	**0.284**	**n/a**	**8/18/2025**	**0.34**	**Yes**	**229**	**n/a**	**n/a**	**49.34**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	WGWC-23	0.284	n/a	8/19/2025	0.18J	No	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-24	0.284	n/a	8/18/2025	0.28	No	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-25	0.284	n/a	8/13/2025	0.2ND	No	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-8	8.01	4.54	8/14/2025	5.26	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-9	8.01	4.54	8/19/2025	6.05	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-10	8.01	4.54	8/19/2025	6.45	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-11	8.01	4.54	8/18/2025	5.26	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-12	8.01	4.54	8/15/2025	6.69	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-13	8.01	4.54	8/14/2025	5.93	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-14A	8.01	4.54	8/14/2025	5.03	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-15	8.01	4.54	8/13/2025	7.91	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-16	8.01	4.54	8/14/2025	5.26	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-17	8.01	4.54	8/13/2025	5.76	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-19	8.01	4.54	8/14/2025	6.67	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-20	8.01	4.54	8/14/2025	5.33	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-21	8.01	4.54	8/19/2025	6.73	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-22	8.01	4.54	8/18/2025	5.39	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-23	8.01	4.54	8/19/2025	5.34	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-24	8.01	4.54	8/18/2025	4.57	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-25	8.01	4.54	8/13/2025	5.58	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**WGWC-8**	**21**	**n/a**	**8/14/2025**	**260**	**Yes**	**205**	**n/a**	**n/a**	**24.39**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**WGWC-9**	**21**	**n/a**	**8/19/2025**	**47**	**Yes**	**205**	**n/a**	**n/a**	**24.39**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	WGWC-10	21	n/a	8/19/2025	2.1	No	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-11	21	n/a	8/18/2025	1.5	No	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-12	21	n/a	8/15/2025	13	No	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-13	21	n/a	8/14/2025	2.9	No	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-14A	21	n/a	8/14/2025	0.8J	No	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-15	21	n/a	8/13/2025	14	No	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**WGWC-16**	**21**	**n/a**	**8/14/2025**	**38**	**Yes**	**205**	**n/a**	**n/a**	**24.39**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	WGWC-17	21	n/a	8/13/2025	3.8	No	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-19	21	n/a	8/14/2025	3.3	No	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**WGWC-20**	**21**	**n/a**	**8/14/2025**	**380**	**Yes**	**205**	**n/a**	**n/a**	**24.39**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**WGWC-21**	**21**	**n/a**	**8/19/2025**	**320**	**Yes**	**205**	**n/a**	**n/a**	**24.39**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**WGWC-22**	**21**	**n/a**	**8/18/2025**	**54**	**Yes**	**205**	**n/a**	**n/a**	**24.39**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	WGWC-23	21	n/a	8/19/2025	6.5	No	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**WGWC-24**	**21**	**n/a**	**8/18/2025**	**35**	**Yes**	**205**	**n/a**	**n/a**	**24.39**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	WGWC-25	21	n/a	8/13/2025	4.2	No	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	**WGWC-8**	**190**	**n/a**	**8/14/2025**	**740**	**Yes**	**205**	**n/a**	**n/a**	**5.366**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	WGWC-9	190	n/a	8/19/2025	150	No	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-10	190	n/a	8/19/2025	42	No	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-11	190	n/a	8/18/2025	31	No	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-12	190	n/a	8/15/2025	100	No	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-13	190	n/a	8/14/2025	90	No	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-14A	190	n/a	8/14/2025	27	No	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-15	190	n/a	8/13/2025	150	No	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-16	190	n/a	8/14/2025	120	No	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-17	190	n/a	8/13/2025	86	No	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-19	190	n/a	8/14/2025	88	No	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	**WGWC-20**	**190**	**n/a**	**8/14/2025**	**930**	**Yes**	**205**	**n/a**	**n/a**	**5.366**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**WGWC-21**	**190**	**n/a**	**8/19/2025**	**700**	**Yes**	**205**	**n/a**	**n/a**	**5.366**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	WGWC-22	190	n/a	8/18/2025	160	No	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-23	190	n/a	8/19/2025	76	No	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-24	190	n/a	8/18/2025	110	No	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	**WGWC-25**	**190**	**n/a**	**8/13/2025**	**280**	**Yes**	**205**	**n/a**	**n/a**	**5.366**	**n/a**	**n/a**	**0.00004908**	**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 10/22/2025, 3:10 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Boron (mg/L)	WGWC-8	0.1948	225	111	Yes	25	0	n/a	0.01	NP
Boron (mg/L)	WGWC-9	0.03447	141	111	Yes	25	0	n/a	0.01	NP
Boron (mg/L)	WGWC-16	-0.6773	-220	-111	Yes	25	0	n/a	0.01	NP
Boron (mg/L)	WGWC-20	0.9328	44	43	Yes	13	0	n/a	0.01	NP
Boron (mg/L)	WGWC-24	-0.333	-50	-43	Yes	13	0	n/a	0.01	NP
Calcium (mg/L)	WGWA-1 (bg)	0.03883	170	118	Yes	26	0	n/a	0.01	NP
Calcium (mg/L)	WGWA-18 (bg)	-1.232	-160	-118	Yes	26	0	n/a	0.01	NP
Calcium (mg/L)	WGWC-8	7.849	281	118	Yes	26	0	n/a	0.01	NP
Chloride (mg/L)	WGWA-2 (bg)	0.04755	138	118	Yes	26	0	n/a	0.01	NP
Chloride (mg/L)	WGWA-5 (bg)	-0.09982	-140	-98	Yes	23	0	n/a	0.01	NP
Chloride (mg/L)	WGWC-8	13.15	246	118	Yes	26	0	n/a	0.01	NP
Chloride (mg/L)	WGWC-16	-33.06	-226	-118	Yes	26	0	n/a	0.01	NP
Chloride (mg/L)	WGWC-24	-21.36	-70	-43	Yes	13	0	n/a	0.01	NP
Fluoride (mg/L)	WGWA-4 (bg)	-0.004899	-146	-139	Yes	29	6.897	n/a	0.01	NP
Fluoride (mg/L)	WGWA-18 (bg)	-0.008324	-159	-139	Yes	29	20.69	n/a	0.01	NP
Fluoride (mg/L)	WGWC-9	-0.1086	-290	-139	Yes	29	0	n/a	0.01	NP
Fluoride (mg/L)	WGWC-10	-0.00869	-167	-139	Yes	29	6.897	n/a	0.01	NP
Fluoride (mg/L)	WGWC-15	-0.02001	-170	-139	Yes	29	0	n/a	0.01	NP
Fluoride (mg/L)	WGWC-22	-0.1053	-58	-43	Yes	13	15.38	n/a	0.01	NP
Sulfate (mg/L)	WGWA-4 (bg)	0.2841	166	118	Yes	26	0	n/a	0.01	NP
Sulfate (mg/L)	WGWA-18 (bg)	-0.518	-142	-118	Yes	26	0	n/a	0.01	NP
Sulfate (mg/L)	WGWC-8	11.98	233	118	Yes	26	0	n/a	0.01	NP
Sulfate (mg/L)	WGWC-16	-61.69	-214	-118	Yes	26	0	n/a	0.01	NP
Sulfate (mg/L)	WGWC-24	-27.99	-49	-43	Yes	13	0	n/a	0.01	NP
TDS (mg/L)	WGWA-1 (bg)	2.976	166	118	Yes	26	15.38	n/a	0.01	NP
TDS (mg/L)	WGWA-3 (bg)	1.782	122	118	Yes	26	3.846	n/a	0.01	NP
TDS (mg/L)	WGWC-8	41.33	271	118	Yes	26	0	n/a	0.01	NP

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:10 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Boron (mg/L)	WGWA-1 (bg)	0	-14	-111	No	25	96	n/a	0.01	NP
Boron (mg/L)	WGWA-2 (bg)	0	-36	-111	No	25	84	n/a	0.01	NP
Boron (mg/L)	WGWA-3 (bg)	0	0	111	No	25	100	n/a	0.01	NP
Boron (mg/L)	WGWA-4 (bg)	0	0	111	No	25	100	n/a	0.01	NP
Boron (mg/L)	WGWA-5 (bg)	0	-17	-92	No	22	95.45	n/a	0.01	NP
Boron (mg/L)	WGWA-6 (bg)	0	0	111	No	25	100	n/a	0.01	NP
Boron (mg/L)	WGWA-7 (bg)	0	-14	-111	No	25	96	n/a	0.01	NP
Boron (mg/L)	WGWA-18 (bg)	0	18	111	No	25	92	n/a	0.01	NP
Boron (mg/L)	**WGWC-8**	**0.1948**	**225**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**WGWC-9**	**0.03447**	**141**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**WGWC-16**	**-0.6773**	**-220**	**-111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**WGWC-20**	**0.9328**	**44**	**43**	**Yes**	**13**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	WGWC-22	-0.01088	-23	-43	No	13	0	n/a	0.01	NP
Boron (mg/L)	**WGWC-24**	**-0.333**	**-50**	**-43**	**Yes**	**13**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	WGWC-25	0.007943	2	43	No	13	0	n/a	0.01	NP
Calcium (mg/L)	**WGWA-1 (bg)**	**0.03883**	**170**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	WGWA-2 (bg)	-0.02963	-44	-118	No	26	0	n/a	0.01	NP
Calcium (mg/L)	WGWA-3 (bg)	0	8	118	No	26	0	n/a	0.01	NP
Calcium (mg/L)	WGWA-4 (bg)	0	34	118	No	26	0	n/a	0.01	NP
Calcium (mg/L)	WGWA-5 (bg)	-0.03453	-24	-98	No	23	0	n/a	0.01	NP
Calcium (mg/L)	WGWA-6 (bg)	0.1395	63	118	No	26	0	n/a	0.01	NP
Calcium (mg/L)	WGWA-7 (bg)	0.02232	34	118	No	26	0	n/a	0.01	NP
Calcium (mg/L)	**WGWA-18 (bg)**	**-1.232**	**-160**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**WGWC-8**	**7.849**	**281**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	WGWC-20	20.39	37	43	No	13	0	n/a	0.01	NP
Calcium (mg/L)	WGWC-21	1.914	20	43	No	13	0	n/a	0.01	NP
Chloride (mg/L)	WGWA-1 (bg)	0.03559	72	118	No	26	0	n/a	0.01	NP
Chloride (mg/L)	**WGWA-2 (bg)**	**0.04755**	**138**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWA-3 (bg)	0	-25	-118	No	26	0	n/a	0.01	NP
Chloride (mg/L)	WGWA-4 (bg)	0	-11	-118	No	26	3.846	n/a	0.01	NP
Chloride (mg/L)	**WGWA-5 (bg)**	**-0.09982**	**-140**	**-98**	**Yes**	**23**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWA-6 (bg)	0	25	118	No	26	0	n/a	0.01	NP
Chloride (mg/L)	WGWA-7 (bg)	0	3	118	No	26	0	n/a	0.01	NP
Chloride (mg/L)	WGWA-18 (bg)	-0.03152	-77	-118	No	26	0	n/a	0.01	NP
Chloride (mg/L)	**WGWC-8**	**13.15**	**246**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**WGWC-16**	**-33.06**	**-226**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWC-20	48.07	30	43	No	13	0	n/a	0.01	NP
Chloride (mg/L)	WGWC-21	0.4388	10	43	No	13	0	n/a	0.01	NP
Chloride (mg/L)	**WGWC-24**	**-21.36**	**-70**	**-43**	**Yes**	**13**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWC-25	-11.8	-32	-43	No	13	0	n/a	0.01	NP
Fluoride (mg/L)	WGWA-1 (bg)	0	11	139	No	29	79.31	n/a	0.01	NP
Fluoride (mg/L)	WGWA-2 (bg)	-0.0007489	-76	-139	No	29	41.38	n/a	0.01	NP
Fluoride (mg/L)	WGWA-3 (bg)	0	-15	-139	No	29	68.97	n/a	0.01	NP
Fluoride (mg/L)	**WGWA-4 (bg)**	**-0.004899**	**-146**	**-139**	**Yes**	**29**	**6.897**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	WGWA-5 (bg)	0	32	118	No	26	88.46	n/a	0.01	NP
Fluoride (mg/L)	WGWA-6 (bg)	-0.001644	-75	-139	No	29	13.79	n/a	0.01	NP
Fluoride (mg/L)	WGWA-7 (bg)	0	5	139	No	29	79.31	n/a	0.01	NP
Fluoride (mg/L)	**WGWA-18 (bg)**	**-0.008324**	**-159**	**-139**	**Yes**	**29**	**20.69**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	WGWC-8	-0.01891	-116	-139	No	29	10.34	n/a	0.01	NP
Fluoride (mg/L)	**WGWC-9**	**-0.1086**	**-290**	**-139**	**Yes**	**29**	**0**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**WGWC-10**	**-0.00869**	**-167**	**-139**	**Yes**	**29**	**6.897**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**WGWC-15**	**-0.02001**	**-170**	**-139**	**Yes**	**29**	**0**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	WGWC-19	-0.009823	-96	-139	No	29	0	n/a	0.01	NP
Fluoride (mg/L)	WGWC-20	0	3	43	No	13	15.38	n/a	0.01	NP
Fluoride (mg/L)	WGWC-21	0	2	43	No	13	15.38	n/a	0.01	NP

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:10 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Fluoride (mg/L)	**WGWC-22**	**-0.1053**	**-58**	**-43**	**Yes**	**13**	**15.38**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	WGWA-1 (bg)	0	-5	-118	No	26	92.31	n/a	0.01	NP
Sulfate (mg/L)	WGWA-2 (bg)	-0.02958	-54	-118	No	26	0	n/a	0.01	NP
Sulfate (mg/L)	WGWA-3 (bg)	-0.01015	-49	-118	No	26	11.54	n/a	0.01	NP
Sulfate (mg/L)	**WGWA-4 (bg)**	**0.2841**	**166**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	WGWA-5 (bg)	0.028	28	98	No	23	21.74	n/a	0.01	NP
Sulfate (mg/L)	WGWA-6 (bg)	-0.1274	-104	-118	No	26	0	n/a	0.01	NP
Sulfate (mg/L)	WGWA-7 (bg)	0	-42	-118	No	26	69.23	n/a	0.01	NP
Sulfate (mg/L)	**WGWA-18 (bg)**	**-0.518**	**-142**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**WGWC-8**	**11.98**	**233**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	WGWC-9	1.553	102	118	No	26	0	n/a	0.01	NP
Sulfate (mg/L)	**WGWC-16**	**-61.69**	**-214**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	WGWC-20	31.78	35	43	No	13	0	n/a	0.01	NP
Sulfate (mg/L)	WGWC-21	34.71	42	43	No	13	0	n/a	0.01	NP
Sulfate (mg/L)	WGWC-22	-11.36	-32	-43	No	13	0	n/a	0.01	NP
Sulfate (mg/L)	**WGWC-24**	**-27.99**	**-49**	**-43**	**Yes**	**13**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**WGWA-1 (bg)**	**2.976**	**166**	**118**	**Yes**	**26**	**15.38**	**n/a**	**0.01**	**NP**
TDS (mg/L)	WGWA-2 (bg)	3.445	101	118	No	26	0	n/a	0.01	NP
TDS (mg/L)	**WGWA-3 (bg)**	**1.782**	**122**	**118**	**Yes**	**26**	**3.846**	**n/a**	**0.01**	**NP**
TDS (mg/L)	WGWA-4 (bg)	1.172	87	118	No	26	0	n/a	0.01	NP
TDS (mg/L)	WGWA-5 (bg)	2.455	47	98	No	23	13.04	n/a	0.01	NP
TDS (mg/L)	WGWA-6 (bg)	2.053	97	118	No	26	0	n/a	0.01	NP
TDS (mg/L)	WGWA-7 (bg)	2.319	93	118	No	26	11.54	n/a	0.01	NP
TDS (mg/L)	WGWA-18 (bg)	-3.699	-100	-118	No	26	0	n/a	0.01	NP
TDS (mg/L)	**WGWC-8**	**41.33**	**271**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	WGWC-20	136.6	37	43	No	13	0	n/a	0.01	NP
TDS (mg/L)	WGWC-21	33.95	37	43	No	13	0	n/a	0.01	NP
TDS (mg/L)	WGWC-25	-2.769	-8	-43	No	13	0	n/a	0.01	NP

Upper Tolerance Limits Summary Table

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:13 PM

Constituent	Upper Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	0.005	173	n/a	n/a	98.27	n/a	n/a	NaN	NP Inter(NDs)
Arsenic (mg/L)	0.005	221	n/a	n/a	83.71	n/a	n/a	NaN	NP Inter(NDs)
Barium (mg/L)	0.062	221	n/a	n/a	0	n/a	n/a	NaN	NP Inter(normality)
Beryllium (mg/L)	0.0011	221	n/a	n/a	95.02	n/a	n/a	NaN	NP Inter(NDs)
Cadmium (mg/L)	0.0007	205	n/a	n/a	100	n/a	n/a	NaN	NP Inter(NDs)
Chromium (mg/L)	0.0063	220	n/a	n/a	94.55	n/a	n/a	NaN	NP Inter(NDs)
Cobalt (mg/L)	0.0066	219	n/a	n/a	47.95	n/a	n/a	NaN	NP Inter(normality)
Combined Radium 226 + 228 (pCi/L)	13.1	219	n/a	n/a	0	n/a	n/a	NaN	NP Inter(normality)
Fluoride (mg/L)	0.284	229	n/a	n/a	49.34	n/a	n/a	NaN	NP Inter(normality)
Lead (mg/L)	0.0015	205	n/a	n/a	90.24	n/a	n/a	NaN	NP Inter(NDs)
Lithium (mg/L)	0.02	211	n/a	n/a	51.66	n/a	n/a	NaN	NP Inter(NDs)
Mercury (mg/L)	0.0002	189	n/a	n/a	92.06	n/a	n/a	NaN	NP Inter(NDs)
Molybdenum (mg/L)	0.0072	220	n/a	n/a	92.27	n/a	n/a	NaN	NP Inter(NDs)
Selenium (mg/L)	0.005	221	n/a	n/a	95.93	n/a	n/a	NaN	NP Inter(NDs)
Thallium (mg/L)	0.001	221	n/a	n/a	94.12	n/a	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 Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:29 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Lithium (mg/L)	**WGWC-21**	**0.01518**	**70**	**34**	**Yes**	**13**	**0**	**n/a**	**0.05**	**NP**

Lithium WGWC-21 Trend Test - Truncated Record - All/Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:28 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Lithium (mg/L)	**WGWC-21**	**0.01014**	**28**	**20**	**Yes**	**9**	**0**	**n/a**	**0.05**	**NP**

Confidence Intervals - Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:45 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Beryllium (mg/L)	**WGWC-20**	**0.01128**	**0.008886**	**0.004**	**Yes**	**11**	**0.01008**	**0.001434**	**0**	**None**	**No**	**0.01**	**Param.**
Beryllium (mg/L)	**WGWC-24**	**0.01077**	**0.004017**	**0.004**	**Yes**	**11**	**0.007391**	**0.004049**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**WGWC-24**	**0.08994**	**0.02806**	**0.0066**	**Yes**	**11**	**0.059**	**0.03713**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-19**	**0.05775**	**0.05054**	**0.04**	**Yes**	**28**	**0.05414**	**0.007721**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-20**	**0.1555**	**0.1168**	**0.04**	**Yes**	**13**	**0.1362**	**0.02599**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-21**	**0.08221**	**0.0479**	**0.04**	**Yes**	**9**	**0.065**	**0.0192**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-28D**	**0.47**	**0.18**	**0.04**	**Yes**	**6**	**0.2433**	**0.1117**	**0**	**None**	**No**	**0.0155**	**NP (normality)**

Confidence Intervals - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:45 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	WGWC-8	0.0029	0.002	0.006	No	22	0.002902	0.002486	77.27	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-9	0.0063	0.0043	0.006	No	22	0.004345	0.002161	59.09	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-11	0.005	0.00053	0.006	No	22	0.004797	0.000953	95.45	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-12	0.005	0.0023	0.006	No	22	0.004877	0.0005756	95.45	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-19	0.005	0.00058	0.006	No	22	0.004799	0.0009423	95.45	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-20	0.005	0.00066	0.006	No	11	0.003445	0.002163	63.64	None	No	0.006	NP (NDs)
Antimony (mg/L)	WGWC-21	0.002	0.00055	0.006	No	11	0.001731	0.0008028	63.64	None	No	0.006	NP (NDs)
Antimony (mg/L)	WGWC-22	0.005	0.00076	0.006	No	11	0.0031	0.002188	54.55	None	No	0.006	NP (NDs)
Antimony (mg/L)	WGWC-23	0.005	0.0013	0.006	No	11	0.003773	0.001722	63.64	None	No	0.006	NP (NDs)
Antimony (mg/L)	WGWC-27	0.005	0.00047	0.006	No	7	0.003219	0.002246	57.14	None	No	0.008	NP (NDs)
Antimony (mg/L)	WGWC-28D	0.005	0.00057	0.006	No	5	0.004114	0.001981	80	None	No	0.031	NP (NDs)
Antimony (mg/L)	PZ-26D	0.005	0.00038	0.006	No	5	0.004076	0.002066	80	None	No	0.031	NP (NDs)
Arsenic (mg/L)	WGWC-8	0.005	0.0011	0.01	No	28	0.00275	0.002008	42.86	None	No	0.01	NP (normality)
Arsenic (mg/L)	WGWC-9	0.005	0.0017	0.01	No	28	0.00457	0.001277	89.29	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-10	0.005	0.00089	0.01	No	28	0.004194	0.001763	82.14	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-11	0.005	0.00054	0.01	No	28	0.004519	0.001415	89.29	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-12	0.005	0.001	0.01	No	28	0.00437	0.001573	85.71	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-13	0.005	0.00053	0.01	No	28	0.003106	0.002237	57.14	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-14A	0.005	0.0032	0.01	No	28	0.004173	0.001512	75	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-15	0.00174	0.001028	0.01	No	28	0.002352	0.001576	21.43	Kaplan-Meier	sqrt(x)	0.01	Param.
Arsenic (mg/L)	WGWC-16	0.005	0.0015	0.01	No	28	0.003684	0.001814	64.29	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-17	0.005	0.00082	0.01	No	28	0.003457	0.002111	64.29	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-20	0.005	0.00033	0.01	No	11	0.002649	0.002266	45.45	None	No	0.006	NP (normality)
Arsenic (mg/L)	WGWC-21	0.005	0.00036	0.01	No	11	0.002961	0.002347	54.55	None	No	0.006	NP (NDs)
Arsenic (mg/L)	WGWC-22	0.005	0.00046	0.01	No	11	0.003805	0.002056	72.73	None	No	0.006	NP (NDs)
Arsenic (mg/L)	WGWC-24	0.005	0.00054	0.01	No	11	0.003175	0.001953	45.45	None	No	0.006	NP (normality)
Arsenic (mg/L)	WGWC-25	0.005	0.005	0.01	No	11	0.004633	0.001218	90.91	None	No	0.006	NP (NDs)
Arsenic (mg/L)	WGWC-28D	0.002652	0.0007876	0.01	No	5	0.00172	0.0006221	20	Kaplan-Meier	No	0.01	Param.
Barium (mg/L)	WGWC-8	0.0039	0.0014	2	No	28	0.004379	0.003994	32.14	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-9	0.01	0.0014	2	No	28	0.00534	0.004442	46.43	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-10	0.0391	0.033	2	No	28	0.03693	0.006044	0	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-11	0.04268	0.03503	2	No	28	0.03886	0.008182	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-12	0.018	0.016	2	No	28	0.01687	0.003605	0	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-13	0.05235	0.04401	2	No	28	0.04818	0.008928	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-14A	0.038	0.027	2	No	28	0.03561	0.01294	0	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-15	0.02701	0.02232	2	No	28	0.02466	0.005023	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-16	0.05217	0.03931	2	No	28	0.04652	0.01425	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	WGWC-17	0.017	0.011	2	No	28	0.01389	0.003806	0	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-19	0.0077	0.0012	2	No	28	0.004222	0.004018	28.57	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-20	0.01	0.00091	2	No	11	0.008309	0.003763	81.82	None	No	0.006	NP (NDs)
Barium (mg/L)	WGWC-21	0.007237	0.004163	2	No	11	0.0057	0.001844	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-22	0.03549	0.02142	2	No	11	0.02845	0.008442	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-23	0.01097	0.006285	2	No	11	0.008627	0.002811	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-24	0.04752	0.03357	2	No	11	0.04055	0.008371	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-25	0.3621	0.2106	2	No	11	0.2864	0.09091	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-27	0.004875	0.002925	2	No	7	0.0039	0.0008206	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-28D	0.01823	0.008572	2	No	5	0.0134	0.002881	0	None	No	0.01	Param.
Barium (mg/L)	PZ-26D	0.03199	0.01481	2	No	5	0.0234	0.005128	0	None	No	0.01	Param.
Beryllium (mg/L)	WGWC-8	0.00223	0.001759	0.004	No	28	0.001995	0.0005046	0	None	No	0.01	Param.
Beryllium (mg/L)	WGWC-9	0.00056	0.00036	0.004	No	28	0.001063	0.001008	32.14	None	No	0.01	NP (normality)
Beryllium (mg/L)	WGWC-14A	0.001	0.00026	0.004	No	28	0.0007071	0.0003715	60.71	None	No	0.01	NP (NDs)
Beryllium (mg/L)	WGWC-16	0.001	0.00022	0.004	No	28	0.0009721	0.0001474	96.43	None	No	0.01	NP (NDs)
Beryllium (mg/L)	**WGWC-20**	**0.01128**	**0.008886**	**0.004**	**Yes**	**11**	**0.01008**	**0.001434**	**0**	**None**	**No**	**0.01**	**Param.**
Beryllium (mg/L)	WGWC-21	0.0025	0.00021	0.004	No	11	0.001285	0.001165	45.45	None	No	0.006	NP (normality)
Beryllium (mg/L)	WGWC-22	0.0006527	0.0005382	0.004	No	11	0.0005955	0.00006876	0	None	No	0.01	Param.

Confidence Intervals - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:45 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Beryllium (mg/L)	WGWC-23	0.001329	0.0009507	0.004	No	11	0.00114	0.0002271	0	None	No	0.01	Param.
Beryllium (mg/L)	**WGWC-24**	**0.01077**	**0.004017**	**0.004**	**Yes**	**11**	**0.007391**	**0.004049**	**0**	**None**	**No**	**0.01**	**Param.**
Beryllium (mg/L)	WGWC-25	0.001	0.00022	0.004	No	11	0.00066	0.0003915	54.55	None	No	0.006	NP (NDs)
Beryllium (mg/L)	WGWC-27	0.001298	0.0004507	0.004	No	7	0.0008743	0.0003566	0	None	No	0.01	Param.
Beryllium (mg/L)	WGWC-28D	0.002413	0.0007194	0.004	No	5	0.001566	0.0005053	0	None	No	0.01	Param.
Cadmium (mg/L)	WGWC-8	0.0025	0.00065	0.005	No	26	0.002082	0.0008788	80.77	None	No	0.01	NP (NDs)
Cadmium (mg/L)	WGWC-10	0.0007	0.00021	0.005	No	26	0.0006812	0.0000961	96.15	None	No	0.01	NP (NDs)
Cadmium (mg/L)	WGWC-16	0.0007	0.00054	0.005	No	26	0.0005822	0.0001905	46.15	None	No	0.01	NP (normality)
Cadmium (mg/L)	WGWC-20	0.0007	0.00022	0.005	No	11	0.00051	0.0002109	45.45	None	No	0.006	NP (normality)
Cadmium (mg/L)	WGWC-22	0.0007	0.00011	0.005	No	11	0.00046	0.0002811	54.55	None	No	0.006	NP (NDs)
Cadmium (mg/L)	WGWC-24	0.0004442	0.000153	0.005	No	11	0.0002986	0.0001747	9.091	None	No	0.01	Param.
Cadmium (mg/L)	WGWC-25	0.0007	0.00012	0.005	No	11	0.0005927	0.0002387	81.82	None	No	0.006	NP (NDs)
Cadmium (mg/L)	WGWC-27	0.0007	0.00008	0.005	No	7	0.0006114	0.0002343	85.71	None	No	0.008	NP (NDs)
Chromium (mg/L)	WGWC-9	0.005	0.0025	0.1	No	28	0.004804	0.0007244	92.86	None	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-10	0.002578	0.001943	0.1	No	28	0.002261	0.0006795	14.29	None	No	0.01	Param.
Chromium (mg/L)	WGWC-11	0.005	0.0021	0.1	No	28	0.004504	0.001248	85.71	None	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-13	0.005	0.0019	0.1	No	28	0.004539	0.00115	85.71	None	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-14A	0.005	0.0017	0.1	No	28	0.004882	0.0006236	96.43	None	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-15	0.005	0.0015	0.1	No	28	0.004875	0.0006614	96.43	None	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-21	0.005	0.005	0.1	No	11	0.004682	0.001055	90.91	None	No	0.006	NP (NDs)
Chromium (mg/L)	WGWC-23	0.005	0.005	0.1	No	11	0.0047	0.000995	90.91	None	No	0.006	NP (NDs)
Chromium (mg/L)	WGWC-28D	0.005	0.002	0.1	No	5	0.0044	0.001342	80	None	No	0.031	NP (NDs)
Cobalt (mg/L)	WGWC-8	0.005	0.00092	0.0066	No	28	0.003212	0.002076	53.57	None	No	0.01	NP (NDs)
Cobalt (mg/L)	WGWC-9	0.005	0.00073	0.0066	No	28	0.004847	0.000807	96.43	None	No	0.01	NP (NDs)
Cobalt (mg/L)	WGWC-10	0.0023	0.00062	0.0066	No	28	0.001942	0.001755	21.43	None	No	0.01	NP (normality)
Cobalt (mg/L)	WGWC-11	0.0025	0.00069	0.0066	No	28	0.00167	0.0009499	46.43	None	No	0.01	NP (normality)
Cobalt (mg/L)	WGWC-12	0.0008551	0.0004317	0.0066	No	28	0.0008032	0.0006808	7.143	None	ln(x)	0.01	Param.
Cobalt (mg/L)	WGWC-13	0.005	0.0008	0.0066	No	28	0.003847	0.002036	75	None	No	0.01	NP (NDs)
Cobalt (mg/L)	WGWC-14A	0.007476	0.003628	0.0066	No	28	0.006139	0.004536	0	None	sqrt(x)	0.01	Param.
Cobalt (mg/L)	WGWC-15	0.005	0.00015	0.0066	No	28	0.004827	0.0009166	96.43	None	No	0.01	NP (NDs)
Cobalt (mg/L)	WGWC-16	0.0092	0.0035	0.0066	No	28	0.006422	0.005249	35.71	None	No	0.01	NP (normality)
Cobalt (mg/L)	WGWC-17	0.0009772	0.0004796	0.0066	No	28	0.0022	0.001906	28.57	Kaplan-Meier	ln(x)	0.01	Param.
Cobalt (mg/L)	WGWC-19	0.005	0.00025	0.0066	No	28	0.002496	0.002376	46.43	None	No	0.01	NP (normality)
Cobalt (mg/L)	WGWC-20	0.005	0.00046	0.0066	No	11	0.004166	0.001855	81.82	None	No	0.006	NP (NDs)
Cobalt (mg/L)	WGWC-21	0.005	0.00039	0.0066	No	11	0.002959	0.002351	54.55	None	No	0.006	NP (NDs)
Cobalt (mg/L)	WGWC-22	0.005	0.00034	0.0066	No	11	0.003725	0.002185	72.73	None	No	0.006	NP (NDs)
Cobalt (mg/L)	WGWC-23	0.005	0.00017	0.0066	No	11	0.003686	0.00225	72.73	None	No	0.006	NP (NDs)
Cobalt (mg/L)	**WGWC-24**	**0.08994**	**0.02806**	**0.0066**	**Yes**	**11**	**0.059**	**0.03713**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	WGWC-25	0.008002	0.004362	0.0066	No	11	0.006182	0.002184	0	None	No	0.01	Param.
Cobalt (mg/L)	WGWC-27	0.002355	0.00133	0.0066	No	7	0.001843	0.0004315	0	None	No	0.01	Param.
Cobalt (mg/L)	WGWC-28D	0.000994	0.0002036	0.0066	No	5	0.00232	0.002453	40	Kaplan-Meier	x^(1/3)	0.01	Param.
Cobalt (mg/L)	PZ-26D	0.01788	0	0.0066	No	5	0.00834	0.005692	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-8	2.368	1.634	13.1	No	28	2.001	0.7853	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-9	0.48	0.157	13.1	No	28	0.3866	0.463	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	WGWC-10	0.505	0.2152	13.1	No	28	0.3601	0.3101	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-11	0.6132	0.25	13.1	No	28	0.4316	0.3886	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-12	0.6009	0.2624	13.1	No	28	0.4317	0.3622	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-13	0.7436	0.4689	13.1	No	28	0.6062	0.2939	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-14A	0.8007	0.5545	13.1	No	28	0.6969	0.2858	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-15	0.707	0.3633	13.1	No	28	0.5352	0.3678	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-16	1.437	0.7593	13.1	No	28	1.19	0.8178	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-17	0.532	0.2222	13.1	No	28	0.3771	0.3315	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-19	0.523	0.2	13.1	No	28	0.4366	0.3799	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	WGWC-20	1.213	0.7449	13.1	No	11	0.9789	0.2808	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-21	1.925	0.7978	13.1	No	11	1.361	0.6761	0	None	No	0.01	Param.

Confidence Intervals - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:45 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	WGWC-22	6.209	3.902	13.1	No	11	5.055	1.385	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-23	1.567	0.551	13.1	No	11	1.059	0.6099	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-24	1.36	0.7925	13.1	No	11	1.076	0.3402	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-25	1.168	0.6328	13.1	No	11	0.9003	0.321	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-27	6.045	1.239	13.1	No	7	3.642	2.023	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-28D	16.51	4.599	13.1	No	5	10.56	3.555	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-26D	1.521	0.452	13.1	No	5	0.9864	0.3189	0	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-8	0.3177	0.1729	4	No	29	0.265	0.1883	10.34	None	sqrt(x)	0.01	Param.
Fluoride (mg/L)	WGWC-9	1.36	1.038	4	No	29	1.199	0.3523	0	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-10	0.1681	0.1205	4	No	29	0.1443	0.05199	6.897	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-11	0.2	0.047	4	No	29	0.139	0.07627	55.17	None	No	0.01	NP (NDs)
Fluoride (mg/L)	WGWC-12	0.1005	0.07164	4	No	29	0.1117	0.05248	17.24	Kaplan-Meier	sqrt(x)	0.01	Param.
Fluoride (mg/L)	WGWC-13	0.2627	0.1941	4	No	29	0.2284	0.07484	6.897	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-14A	0.2	0.057	4	No	29	0.1514	0.074	65.52	None	No	0.01	NP (NDs)
Fluoride (mg/L)	WGWC-15	0.8416	0.757	4	No	29	0.7993	0.09232	0	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-16	0.1324	0.07335	4	No	29	0.1584	0.1581	17.24	Kaplan-Meier	ln(x)	0.01	Param.
Fluoride (mg/L)	WGWC-17	0.1274	0.08402	4	No	29	0.1057	0.04729	10.34	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-19	0.3748	0.32	4	No	29	0.341	0.07329	0	None	x^2	0.01	Param.
Fluoride (mg/L)	WGWC-20	2.077	1.078	4	No	13	1.723	0.7143	15.38	Kaplan-Meier	x^2	0.01	Param.
Fluoride (mg/L)	WGWC-21	1.875	1.183	4	No	13	1.615	0.6453	15.38	Kaplan-Meier	x^3	0.01	Param.
Fluoride (mg/L)	WGWC-22	0.5894	0.2463	4	No	13	0.4738	0.3617	15.38	Kaplan-Meier	ln(x)	0.01	Param.
Fluoride (mg/L)	WGWC-23	0.18	0.043	4	No	13	0.08808	0.06342	15.38	None	No	0.01	NP (normality)
Fluoride (mg/L)	WGWC-24	0.7773	0.1962	4	No	13	0.5669	0.3939	15.38	Kaplan-Meier	No	0.01	Param.
Fluoride (mg/L)	WGWC-25	0.2	0.038	4	No	13	0.1377	0.08224	61.54	Kaplan-Meier	No	0.01	NP (NDs)
Fluoride (mg/L)	WGWC-27	1.225	0.324	4	No	7	0.7743	0.3791	14.29	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-28D	1.926	0	4	No	6	0.9333	0.843	50	Kaplan-Meier	x^2	0.01	Param.
Fluoride (mg/L)	WAMW-1	0.7964	0.04862	4	No	4	0.4225	0.1902	25	Kaplan-Meier	No	0.01	Param.
Fluoride (mg/L)	WAMW-2	0.6871	0	4	No	4	0.3275	0.1584	0	None	No	0.01	Param.
Fluoride (mg/L)	PZ-26D	0.3227	0.1116	4	No	7	0.2171	0.08883	14.29	None	No	0.01	Param.
Lead (mg/L)	WGWC-8	0.001	0.00029	0.015	No	26	0.0007377	0.000376	65.38	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-9	0.001	0.00014	0.015	No	26	0.0009669	0.0001687	96.15	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-10	0.001	0.00026	0.015	No	26	0.0006985	0.0003727	57.69	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-11	0.001	0.00058	0.015	No	26	0.0009062	0.0002299	84.62	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-12	0.001	0.00033	0.015	No	26	0.0009742	0.0001314	96.15	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-13	0.001	0.00038	0.015	No	26	0.0006685	0.0003248	38.46	None	No	0.01	NP (normality)
Lead (mg/L)	WGWC-14A	0.001	0.00031	0.015	No	26	0.0007262	0.0003621	61.54	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-15	0.001	0.0003	0.015	No	26	0.0009731	0.0001373	96.15	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-16	0.001	0.00014	0.015	No	26	0.0009335	0.0002351	92.31	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-17	0.001	0.00033	0.015	No	26	0.0009435	0.0002006	92.31	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-19	0.001	0.0003	0.015	No	26	0.0009731	0.0001373	96.15	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-22	0.001	0.00023	0.015	No	11	0.0006736	0.000378	54.55	None	No	0.006	NP (NDs)
Lead (mg/L)	WGWC-23	0.002	0.001	0.015	No	11	0.001418	0.001097	81.82	None	No	0.006	NP (NDs)
Lead (mg/L)	WGWC-24	0.0007839	0.0003143	0.015	No	11	0.0005491	0.0002818	9.091	None	No	0.01	Param.
Lead (mg/L)	WGWC-25	0.001	0.001	0.015	No	11	0.0009682	0.0001055	90.91	None	No	0.006	NP (NDs)
Lead (mg/L)	WGWC-28D	0.001	0.00022	0.015	No	5	0.000844	0.0003488	80	None	No	0.031	NP (NDs)
Lead (mg/L)	PZ-26D	0.001	0.001	0.015	No	5	0.001	2.1e-11	80	None	No	0.031	NP (NDs)
Lithium (mg/L)	WGWC-8	0.016	0.013	0.04	No	28	0.01593	0.008833	0	None	No	0.01	NP (normality)
Lithium (mg/L)	WGWC-9	0.03619	0.03163	0.04	No	28	0.03391	0.004884	0	None	No	0.01	Param.
Lithium (mg/L)	WGWC-10	0.01138	0.005876	0.04	No	28	0.009396	0.006894	3.571	None	sqrt(x)	0.01	Param.
Lithium (mg/L)	WGWC-11	0.02	0.0025	0.04	No	28	0.0167	0.007202	82.14	None	No	0.01	NP (NDs)
Lithium (mg/L)	WGWC-12	0.0075	0.0061	0.04	No	28	0.007171	0.003929	3.571	None	No	0.01	NP (normality)
Lithium (mg/L)	WGWC-13	0.02	0.0038	0.04	No	28	0.01503	0.008014	71.43	None	No	0.01	NP (NDs)
Lithium (mg/L)	WGWC-14A	0.02	0.0035	0.04	No	28	0.01436	0.008358	67.86	None	No	0.01	NP (NDs)
Lithium (mg/L)	WGWC-15	0.007287	0.005513	0.04	No	28	0.0064	0.001898	7.143	None	No	0.01	Param.
Lithium (mg/L)	WGWC-16	0.00867	0.005201	0.04	No	28	0.006936	0.003712	10.71	None	No	0.01	Param.

Confidence Intervals - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:45 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lithium (mg/L)	WGWC-17	0.0056	0.0042	0.04	No	28	0.005496	0.003993	3.571	None	No	0.01	NP (normality)
Lithium (mg/L)	**WGWC-19**	**0.05775**	**0.05054**	**0.04**	**Yes**	**28**	**0.05414**	**0.007721**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-20**	**0.1555**	**0.1168**	**0.04**	**Yes**	**13**	**0.1362**	**0.02599**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-21**	**0.08221**	**0.0479**	**0.04**	**Yes**	**9**	**0.065**	**0.0192**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Lithium (mg/L)	WGWC-22	0.01063	0.007659	0.04	No	13	0.008969	0.002403	0	None	x^2	0.01	Param.
Lithium (mg/L)	WGWC-23	0.02	0.0017	0.04	No	13	0.01337	0.008768	61.54	None	No	0.01	NP (NDs)
Lithium (mg/L)	WGWC-24	0.007391	0.004132	0.04	No	13	0.005762	0.002192	0	None	No	0.01	Param.
Lithium (mg/L)	WGWC-25	0.004617	0.003431	0.04	No	13	0.0043	0.0008266	15.38	Kaplan-Meier	No	0.01	Param.
Lithium (mg/L)	WGWC-27	0.03942	0.01521	0.04	No	7	0.02731	0.01019	0	None	No	0.01	Param.
Lithium (mg/L)	**WGWC-28D**	**0.47**	**0.18**	**0.04**	**Yes**	**6**	**0.2433**	**0.1117**	**0**	**None**	**No**	**0.0155**	**NP (normality)**
Lithium (mg/L)	WAMW-1	0.06024	0	0.04	No	4	0.02725	0.01678	25	Kaplan-Meier	No	0.01	Param.
Lithium (mg/L)	WAMW-2	0.04239	0.01061	0.04	No	4	0.0265	0.007	0	None	No	0.01	Param.
Lithium (mg/L)	PZ-26D	0.03849	0.02231	0.04	No	5	0.0304	0.004827	0	None	No	0.01	Param.
Mercury (mg/L)	WGWC-8	0.0002	0.00013	0.002	No	24	0.0001882	0.00003268	87.5	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-9	0.0002	0.00013	0.002	No	24	0.0001971	0.00001429	95.83	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-10	0.0002	0.00013	0.002	No	24	0.0001825	0.00004085	83.33	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-11	0.0002	0.00011	0.002	No	24	0.0001913	0.00002965	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-12	0.0002	0.00018	0.002	No	24	0.0001866	0.00003423	83.33	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-13	0.0002	0.000083	0.002	No	24	0.0001902	0.00003332	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-14A	0.0002	0.00013	0.002	No	24	0.0001971	0.00001429	95.83	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-15	0.0002	0.000093	0.002	No	24	0.0001806	0.00004438	83.33	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-16	0.0002	0.00019	0.002	No	24	0.0001908	0.00003049	87.5	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-17	0.0002	0.000074	0.002	No	24	0.0001947	0.00002572	95.83	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-19	0.0002	0.00012	0.002	No	24	0.0001915	0.00002952	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-20	0.0002	0.0002	0.002	No	11	0.0002118	0.0000392	90.91	None	No	0.006	NP (NDs)
Mercury (mg/L)	WGWC-21	0.0002	0.0002	0.002	No	11	0.0002	1.5e-12	90.91	None	No	0.006	NP (NDs)
Mercury (mg/L)	WGWC-22	0.0002	0.0002	0.002	No	11	0.0001982	0.00000603	90.91	None	No	0.006	NP (NDs)
Mercury (mg/L)	WGWC-23	0.0002	0.0002	0.002	No	11	0.0002018	0.00000603	90.91	None	No	0.006	NP (NDs)
Mercury (mg/L)	WGWC-24	0.0002	0.0002	0.002	No	11	0.0002055	0.00001809	90.91	None	No	0.006	NP (NDs)
Mercury (mg/L)	WGWC-25	0.0002	0.0002	0.002	No	11	0.0003545	0.0005126	90.91	None	No	0.006	NP (NDs)
Molybdenum (mg/L)	WGWC-9	0.0048	0.0028	0.1	No	28	0.004576	0.003077	0	None	No	0.01	NP (normality)
Molybdenum (mg/L)	WGWC-10	0.005	0.00093	0.1	No	28	0.004709	0.00107	92.86	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-11	0.005	0.0017	0.1	No	28	0.004743	0.0009477	92.86	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-12	0.015	0.0046	0.1	No	28	0.01158	0.006075	75	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-13	0.0025	0.0012	0.1	No	28	0.002412	0.001984	10.71	None	No	0.01	NP (normality)
Molybdenum (mg/L)	WGWC-14A	0.005	0.001	0.1	No	28	0.004857	0.0007559	96.43	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-15	0.00484	0.002913	0.1	No	28	0.004432	0.003136	0	None	ln(x)	0.01	Param.
Molybdenum (mg/L)	WGWC-17	0.0044	0.0023	0.1	No	28	0.003658	0.002283	0	None	No	0.01	NP (normality)
Molybdenum (mg/L)	WGWC-19	0.0022	0.0012	0.1	No	28	0.004746	0.006032	25	None	No	0.01	NP (normality)
Molybdenum (mg/L)	WGWC-20	0.015	0.00079	0.1	No	11	0.009833	0.00717	63.64	None	No	0.006	NP (NDs)
Molybdenum (mg/L)	WGWC-21	0.03839	0.02761	0.1	No	11	0.033	0.006465	0	None	No	0.01	Param.
Molybdenum (mg/L)	WGWC-22	0.005	0.005	0.1	No	11	0.004913	0.001657	81.82	None	No	0.006	NP (NDs)
Molybdenum (mg/L)	WGWC-28D	0.018	0.0082	0.1	No	5	0.01066	0.004125	0	None	No	0.031	NP (normality)
Molybdenum (mg/L)	PZ-26D	0.002895	0.002345	0.1	No	5	0.00262	0.0001643	0	None	No	0.01	Param.
Selenium (mg/L)	WGWC-8	0.0039	0.0033	0.05	No	28	0.00406	0.001353	0	None	No	0.01	NP (normality)
Selenium (mg/L)	WGWC-9	0.00287	0.002343	0.05	No	28	0.002606	0.0005634	0	None	No	0.01	Param.
Selenium (mg/L)	WGWC-10	0.005	0.00031	0.05	No	28	0.004832	0.0008863	96.43	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-11	0.005	0.00049	0.05	No	28	0.004839	0.0008523	96.43	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-12	0.005	0.0021	0.05	No	28	0.004896	0.000548	96.43	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-14A	0.005	0.0003	0.05	No	28	0.004832	0.0008882	96.43	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-15	0.005	0.0005	0.05	No	28	0.004839	0.0008504	96.43	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-16	0.0091	0.0023	0.05	No	28	0.006416	0.004773	14.29	None	No	0.01	NP (normality)
Selenium (mg/L)	WGWC-19	0.005	0.00036	0.05	No	28	0.004834	0.0008769	96.43	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-20	0.003216	0.001602	0.05	No	11	0.002409	0.0009679	9.091	None	No	0.01	Param.
Selenium (mg/L)	WGWC-22	0.006127	0.003237	0.05	No	11	0.004682	0.001734	0	None	No	0.01	Param.

Confidence Intervals - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:45 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Selenium (mg/L)	WGWC-23	0.00279	0.001901	0.05	No	11	0.002345	0.0005336	9.091	None	No	0.01	Param.
Selenium (mg/L)	WGWC-24	0.005	0.005	0.05	No	11	0.004615	0.001275	90.91	None	No	0.006	NP (NDs)
Selenium (mg/L)	WGWC-28D	0.0066	0.005	0.05	No	5	0.00532	0.0007155	80	None	No	0.031	NP (NDs)
Thallium (mg/L)	WGWC-10	0.001	0.000085	0.002	No	28	0.0009673	0.0001729	96.43	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-11	0.001	0.00049	0.002	No	28	0.0009518	0.0001826	92.86	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-14A	0.001	0.00019	0.002	No	28	0.0006704	0.000418	60.71	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-16	0.001	0.00019	0.002	No	28	0.000645	0.0004185	57.14	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-19	0.001	0.00018	0.002	No	28	0.0009707	0.000155	96.43	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-22	0.001	0.001	0.002	No	11	0.0009518	0.0001598	90.91	None	No	0.006	NP (NDs)
Thallium (mg/L)	WGWC-24	0.000577	0.0003139	0.002	No	11	0.0004455	0.0001579	9.091	None	No	0.01	Param.

Appendix IV Trend Test - Confidence Interval Exceedances - Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:53 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Beryllium (mg/L)	**WGWC-24**	**-0.002748**	**-36**	**-27**	**Yes**	**11**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-1 (bg)**	**-0.00006982**	**-247**	**-101**	**Yes**	**28**	**3.571**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-2 (bg)**	**-0.00008323**	**-236**	**-101**	**Yes**	**28**	**10.71**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-5 (bg)**	**-0.0002865**	**-116**	**-76**	**Yes**	**23**	**4.348**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-18 (bg)**	**-0.0002828**	**-189**	**-101**	**Yes**	**28**	**10.71**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWC-24**	**-0.02444**	**-37**	**-27**	**Yes**	**11**	**0**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	**WGWC-19**	**0.00178**	**169**	**101**	**Yes**	**28**	**0**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	**WGWC-20**	**0.01243**	**42**	**34**	**Yes**	**13**	**0**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	**WGWC-21**	**0.01518**	**70**	**34**	**Yes**	**13**	**0**	**n/a**	**0.05**	**NP**

Appendix IV Trend Test - Confidence Interval Exceedances - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:53 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Beryllium (mg/L)	WGWA-1 (bg)	0	-12	-101	No	28	89.29	n/a	0.05	NP
Beryllium (mg/L)	WGWA-2 (bg)	0	-10	-101	No	28	89.29	n/a	0.05	NP
Beryllium (mg/L)	WGWA-3 (bg)	0	-13	-101	No	28	92.86	n/a	0.05	NP
Beryllium (mg/L)	WGWA-4 (bg)	0	0	101	No	28	100	n/a	0.05	NP
Beryllium (mg/L)	WGWA-5 (bg)	0	-2	-85	No	25	96	n/a	0.05	NP
Beryllium (mg/L)	WGWA-6 (bg)	0	-1	-101	No	28	96.43	n/a	0.05	NP
Beryllium (mg/L)	WGWA-7 (bg)	0	-1	-101	No	28	96.43	n/a	0.05	NP
Beryllium (mg/L)	WGWA-18 (bg)	0	0	101	No	28	100	n/a	0.05	NP
Beryllium (mg/L)	WGWC-20	0.0002015	7	27	No	11	0	n/a	0.05	NP
Beryllium (mg/L)	**WGWC-24**	**-0.002748**	**-36**	**-27**	**Yes**	**11**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-1 (bg)**	**-0.00006982**	**-247**	**-101**	**Yes**	**28**	**3.571**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-2 (bg)**	**-0.00008323**	**-236**	**-101**	**Yes**	**28**	**10.71**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	WGWA-3 (bg)	0	0	101	No	28	100	n/a	0.05	NP
Cobalt (mg/L)	WGWA-4 (bg)	0	5	101	No	28	96.43	n/a	0.05	NP
Cobalt (mg/L)	**WGWA-5 (bg)**	**-0.0002865**	**-116**	**-76**	**Yes**	**23**	**4.348**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	WGWA-6 (bg)	0	16	101	No	28	85.71	n/a	0.05	NP
Cobalt (mg/L)	WGWA-7 (bg)	0	-18	-101	No	28	64.29	n/a	0.05	NP
Cobalt (mg/L)	**WGWA-18 (bg)**	**-0.0002828**	**-189**	**-101**	**Yes**	**28**	**10.71**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWC-24**	**-0.02444**	**-37**	**-27**	**Yes**	**11**	**0**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	WGWA-1 (bg)	-0.0000226	-52	-96	No	27	33.33	n/a	0.05	NP
Lithium (mg/L)	WGWA-2 (bg)	0	7	96	No	27	0	n/a	0.05	NP
Lithium (mg/L)	WGWA-3 (bg)	0	28	96	No	27	88.89	n/a	0.05	NP
Lithium (mg/L)	WGWA-4 (bg)	0	4	96	No	27	11.11	n/a	0.05	NP
Lithium (mg/L)	WGWA-5 (bg)	0	0	76	No	23	95.65	n/a	0.05	NP
Lithium (mg/L)	WGWA-6 (bg)	0.00003621	21	90	No	26	11.54	n/a	0.05	NP
Lithium (mg/L)	WGWA-7 (bg)	0	12	96	No	27	96.3	n/a	0.05	NP
Lithium (mg/L)	WGWA-18 (bg)	0	-13	-96	No	27	81.48	n/a	0.05	NP
Lithium (mg/L)	**WGWC-19**	**0.00178**	**169**	**101**	**Yes**	**28**	**0**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	**WGWC-20**	**0.01243**	**42**	**34**	**Yes**	**13**	**0**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	**WGWC-21**	**0.01518**	**70**	**34**	**Yes**	**13**	**0**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	WGWC-28D	0.02355	4	12	No	6	0	n/a	0.05	NP

Confidence Intervals - Resample - All/Significant Results

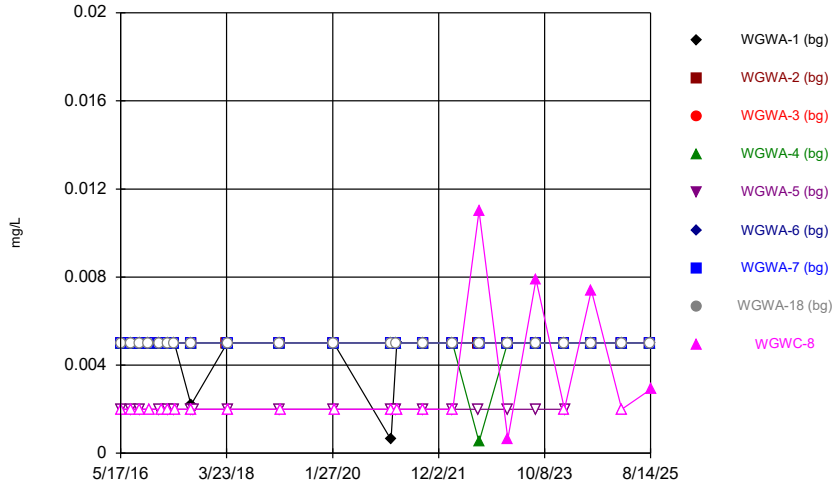
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Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig. N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lithium (mg/L)	**WGWC-28D**	**0.47**	**0.18**	**0.04**	**Yes 7**	**0.2629**	**0.1143**	**0**	**None**	**No**	**0.008**	**NP (normality)**

FIGURE A.

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Hollow symbols indicate censored values.

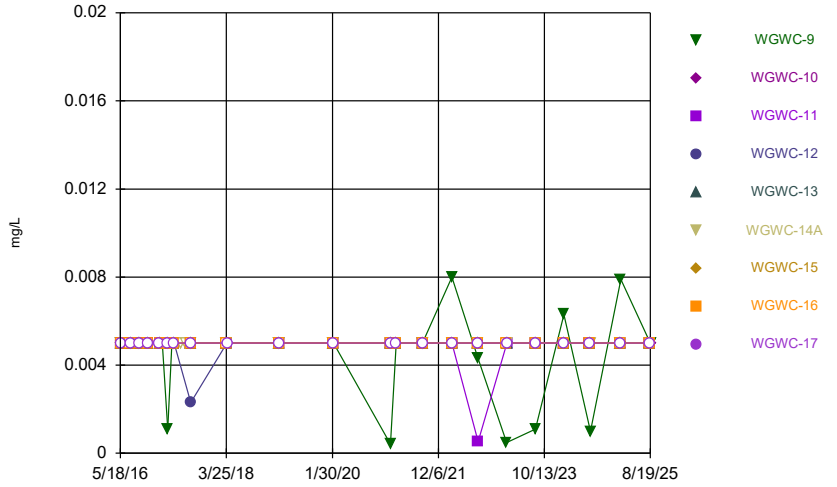
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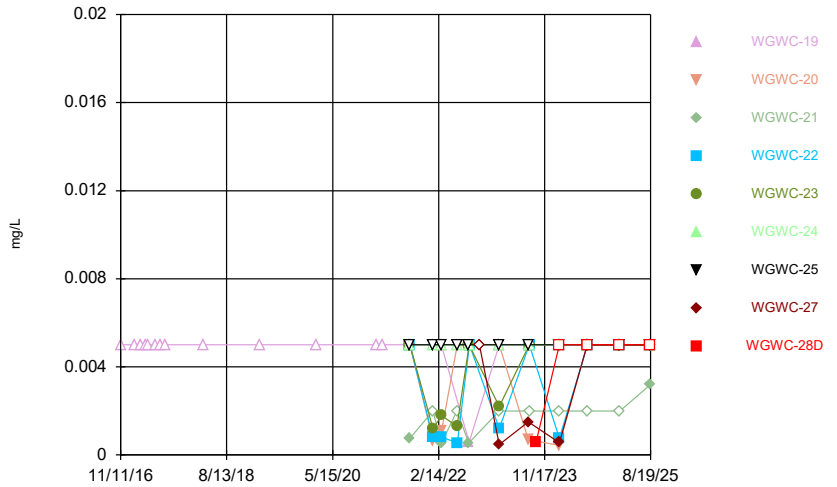
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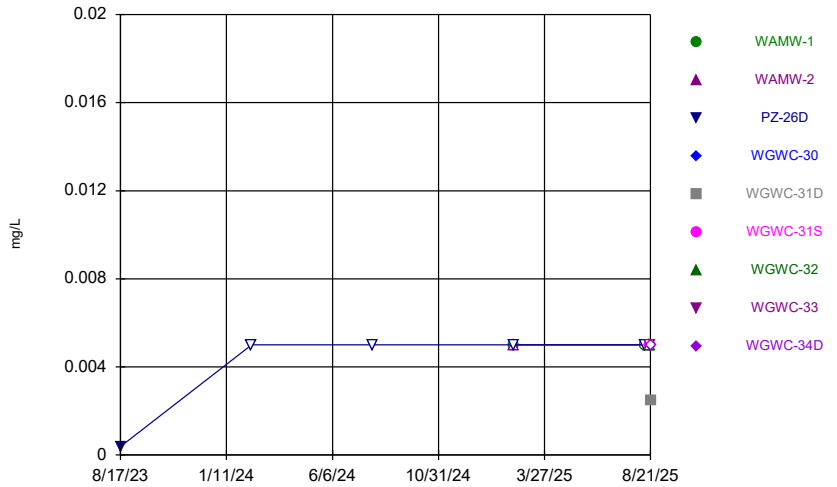
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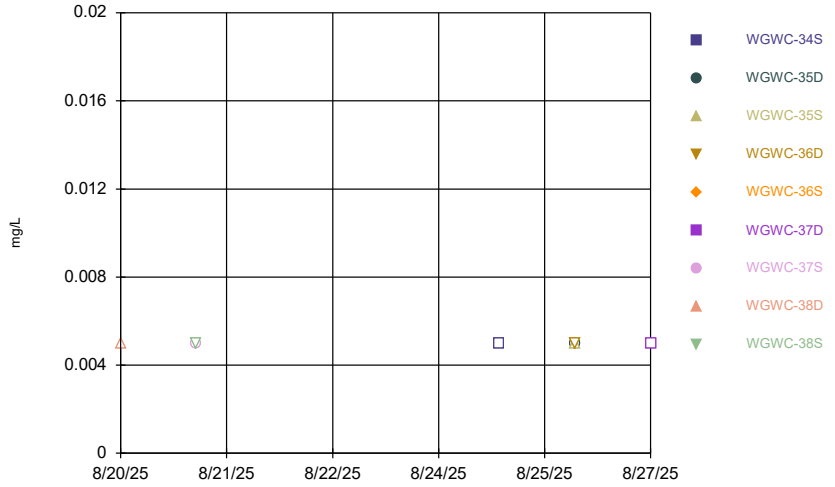
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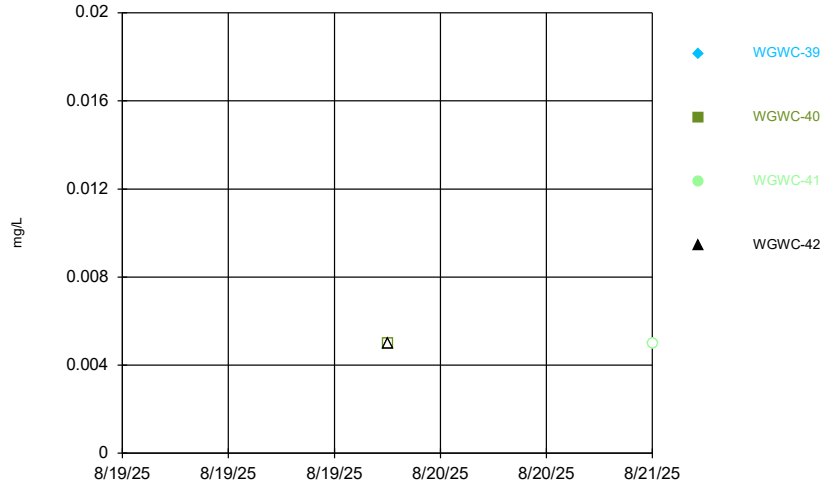
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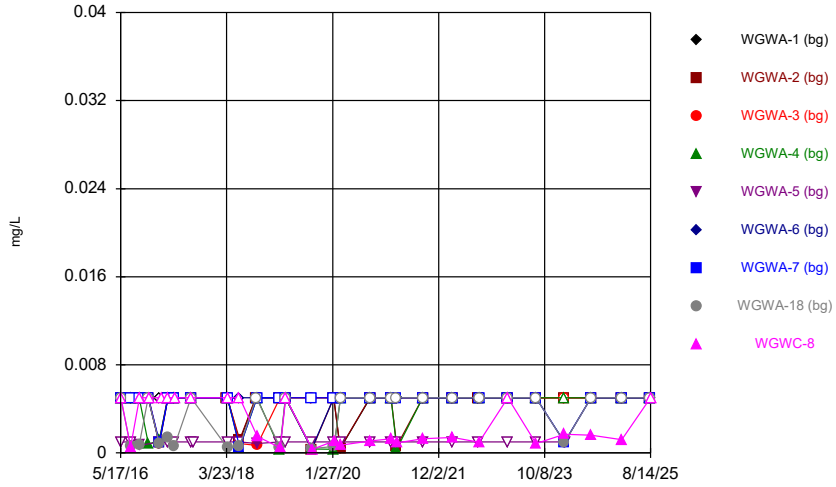
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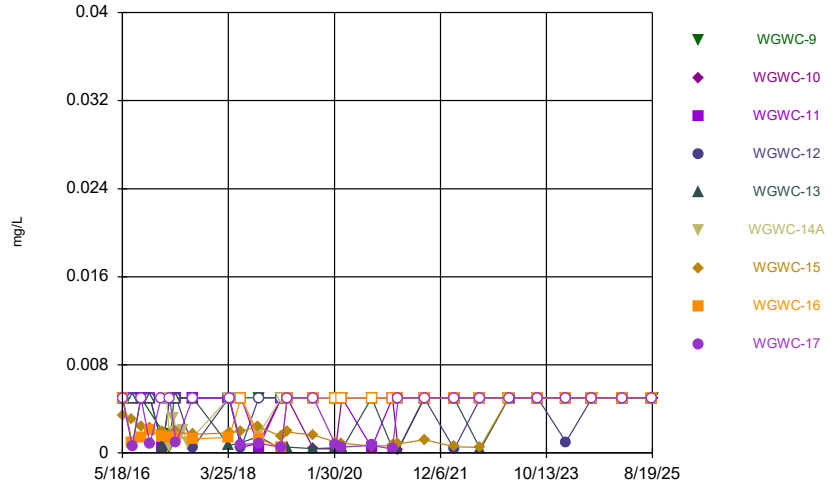
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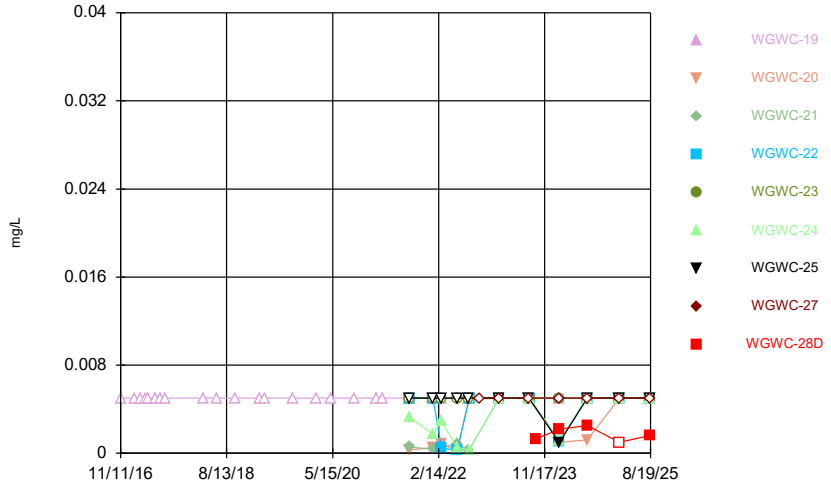
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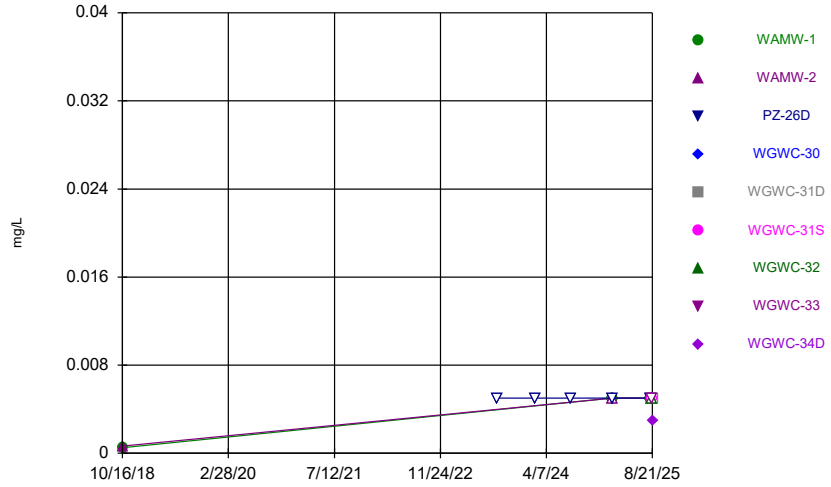
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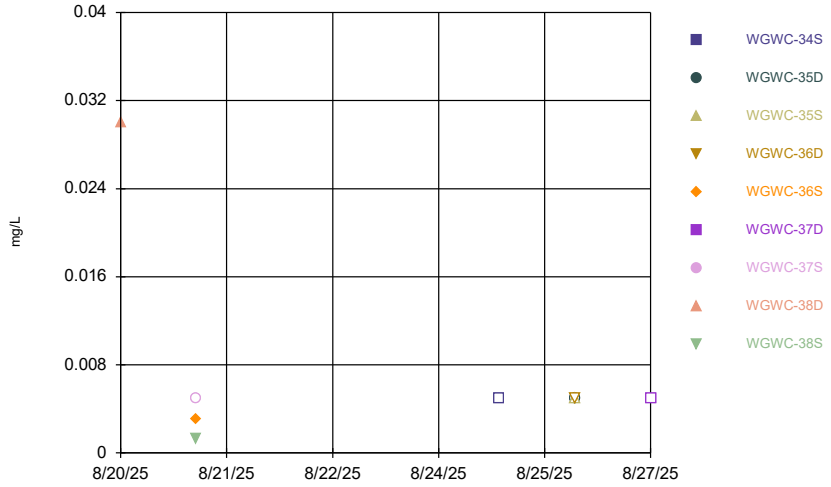
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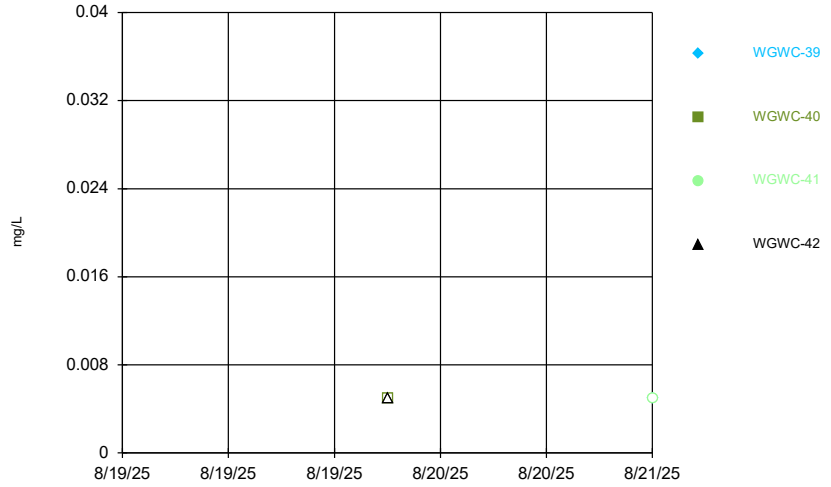
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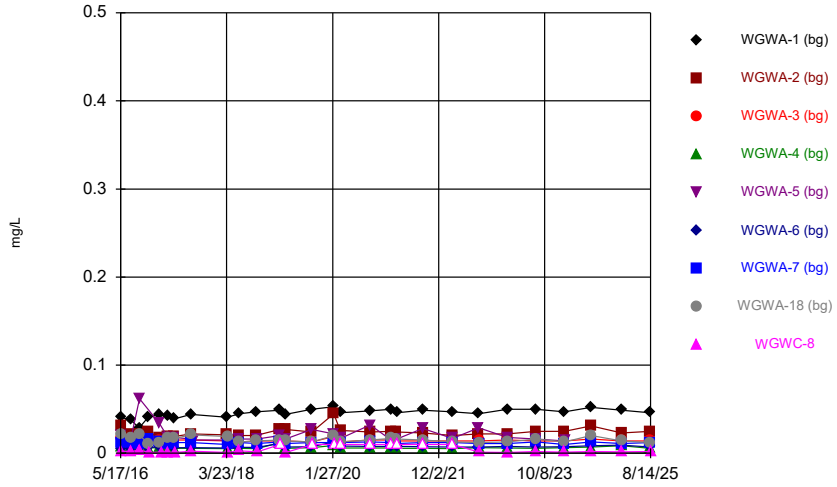
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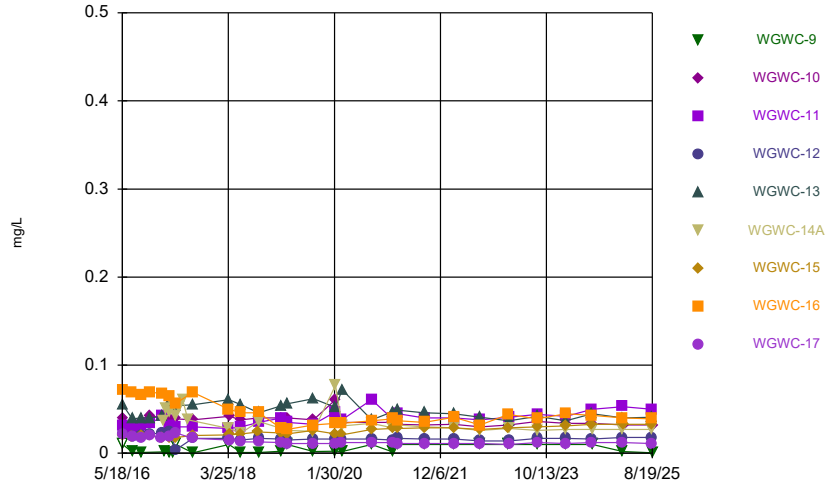
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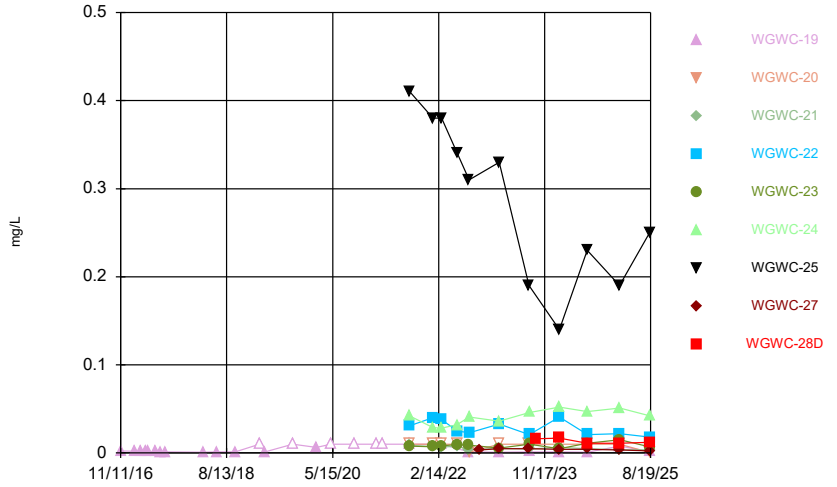
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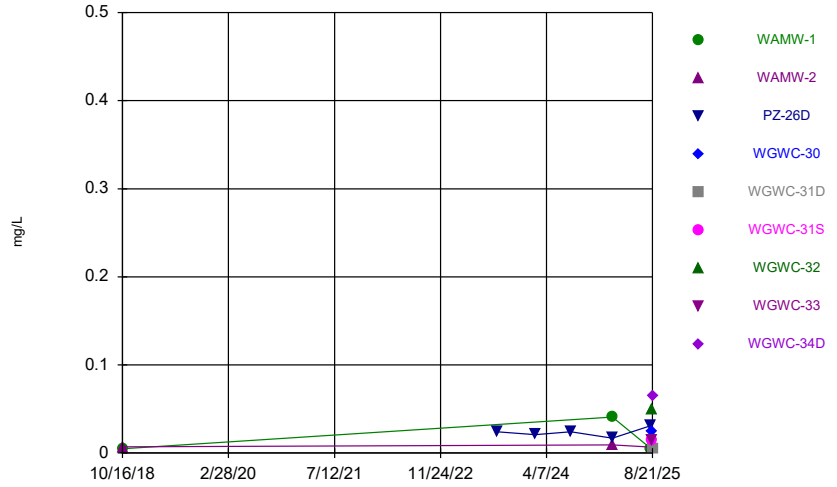
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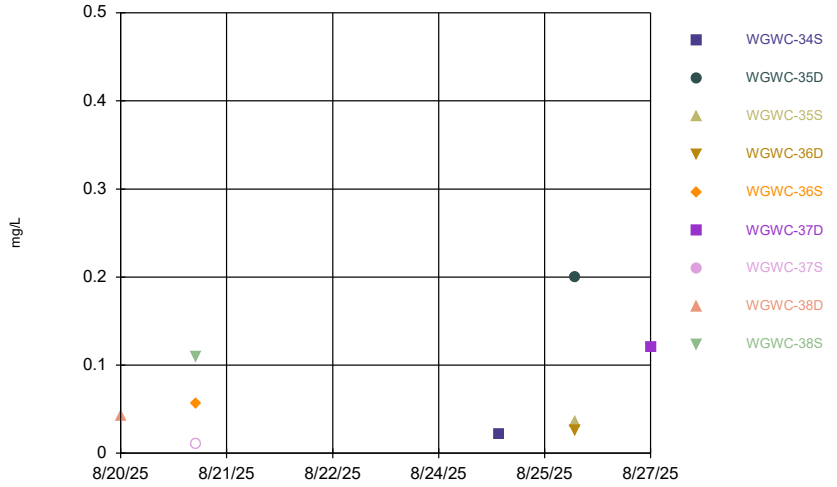
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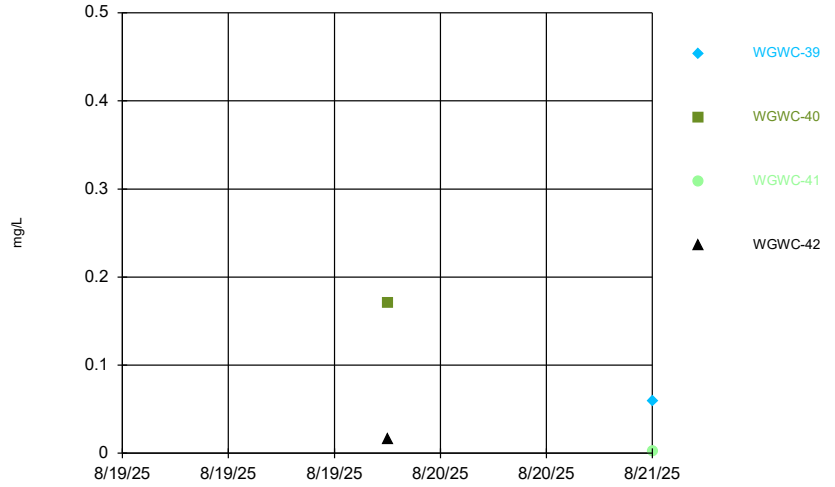
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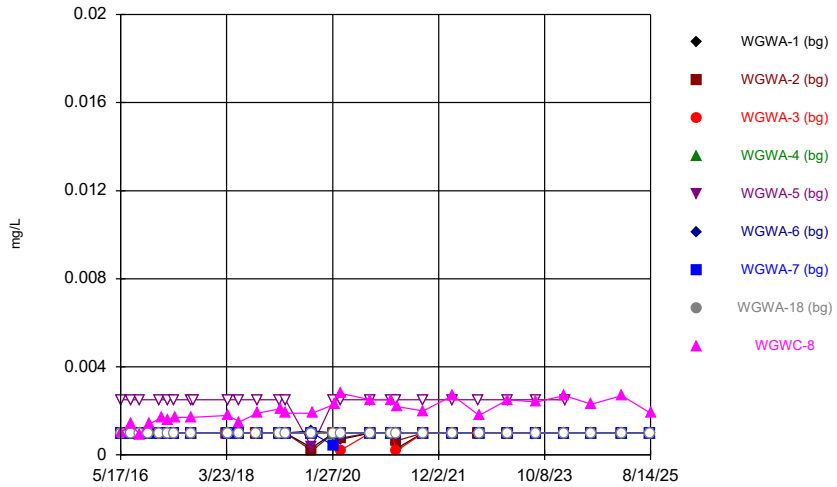
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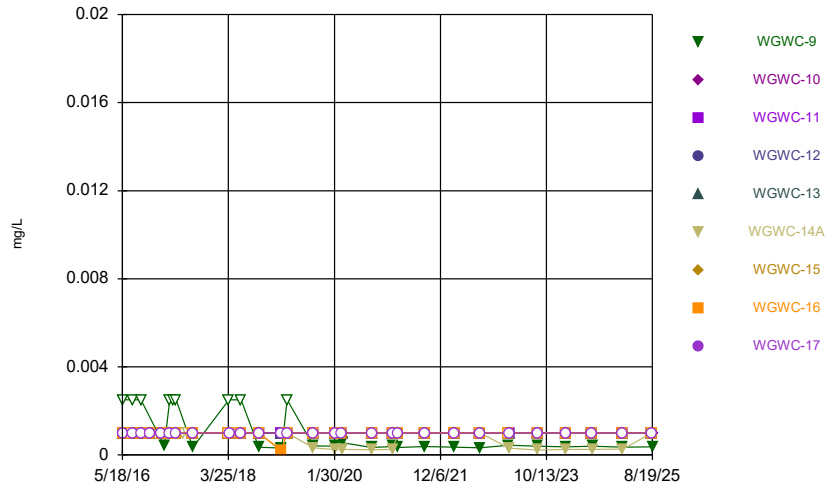
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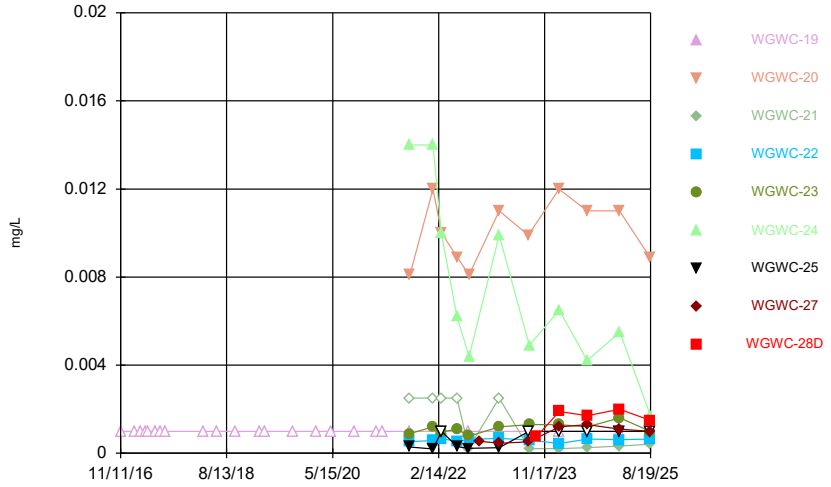
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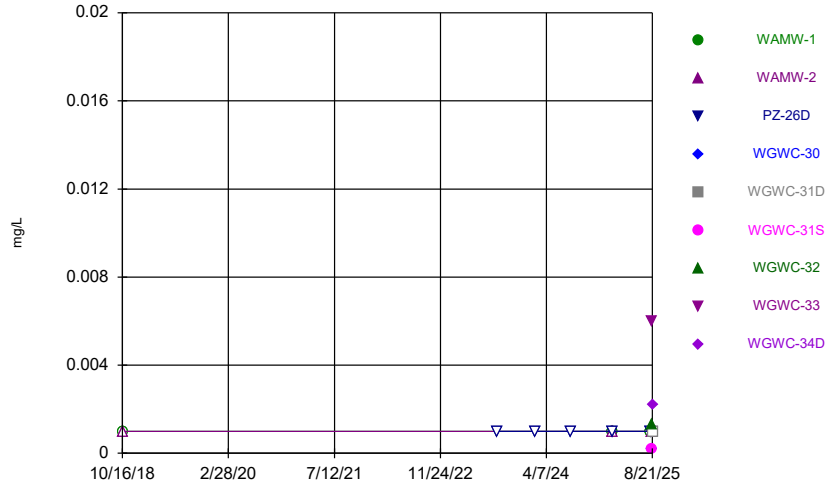
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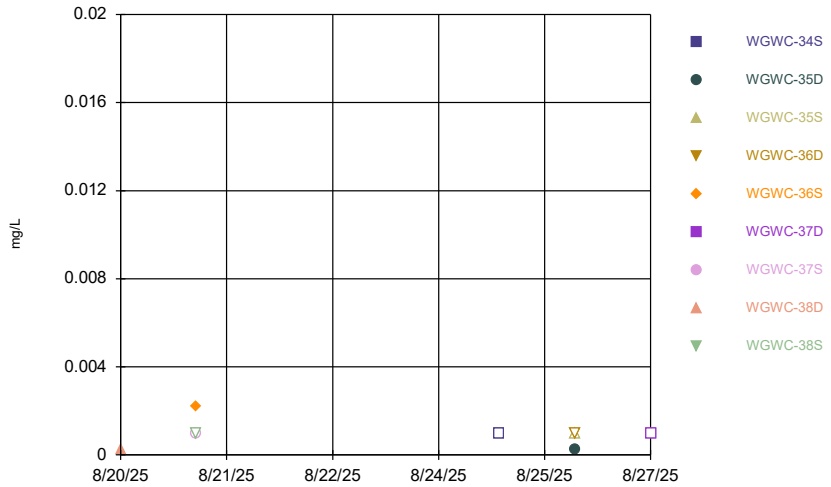
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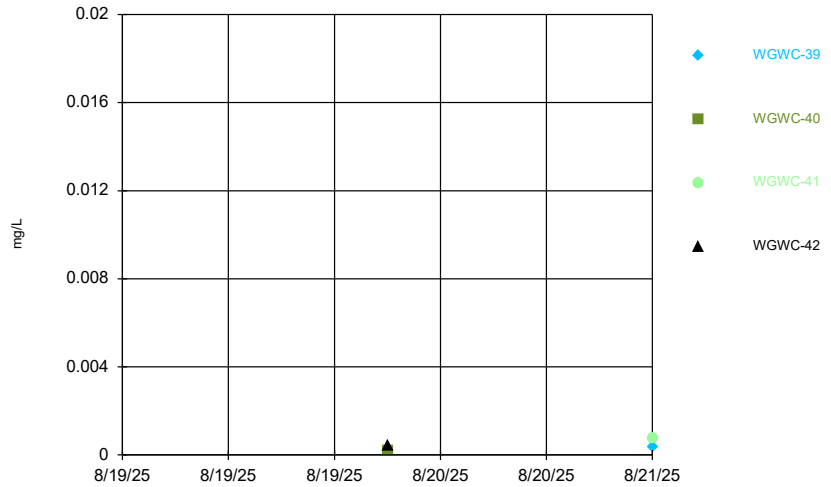
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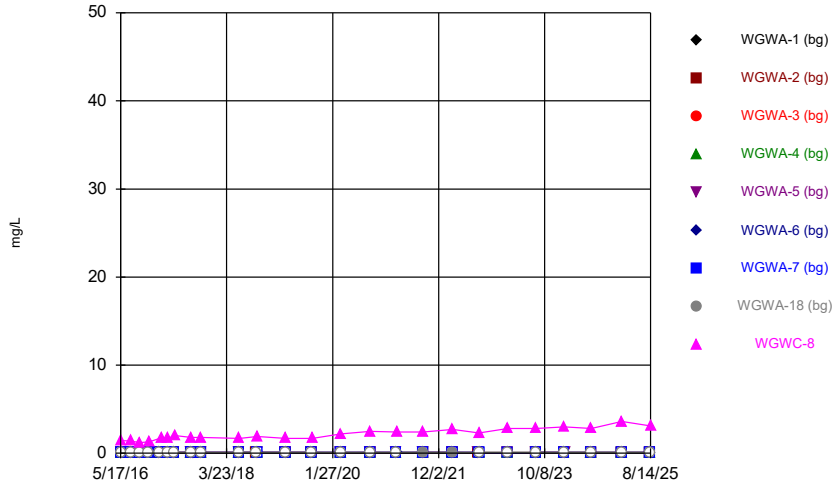
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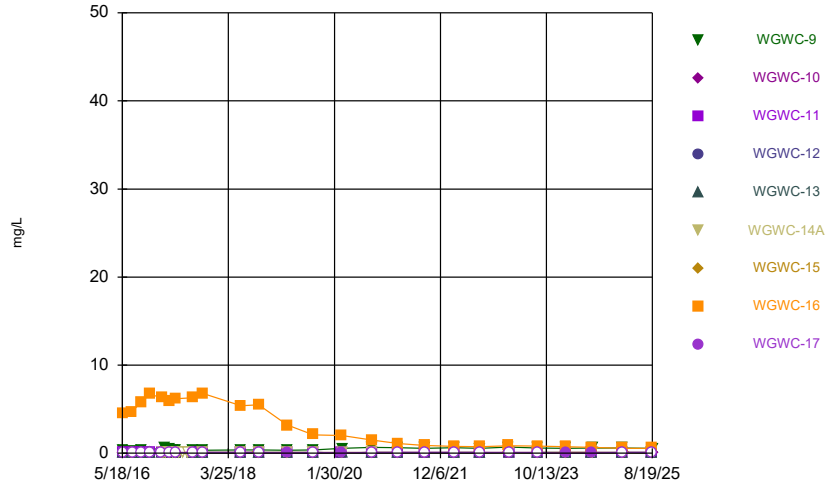
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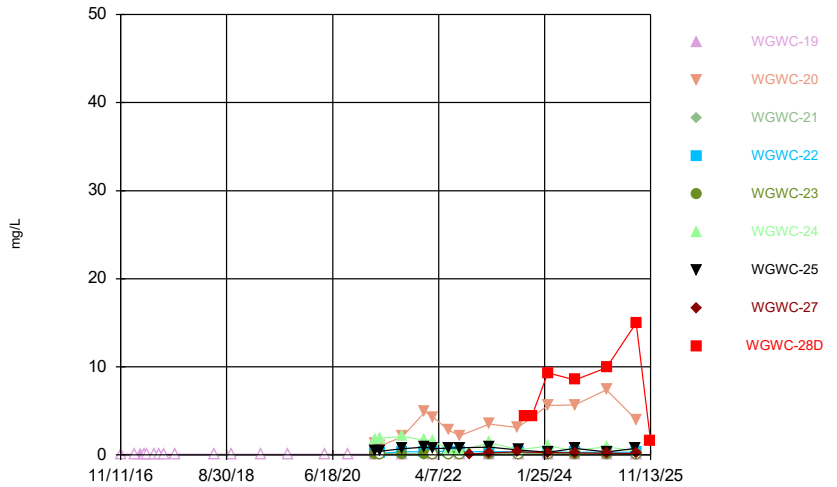
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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

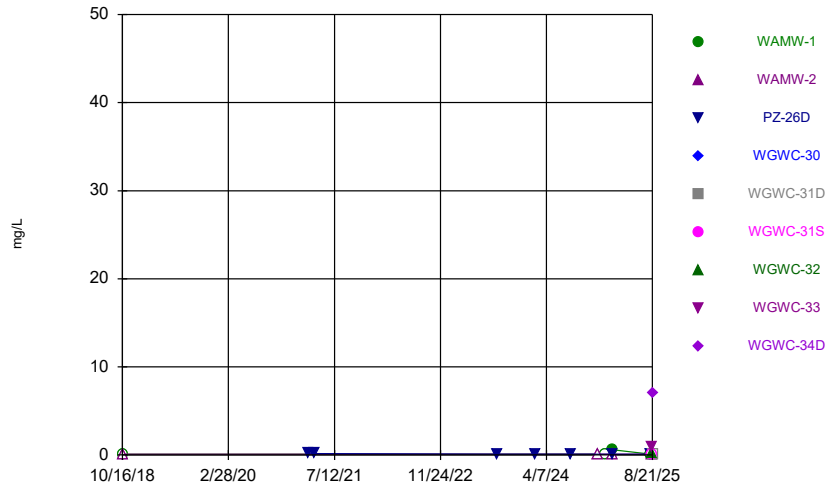
Time Series



Constituent: Boron Analysis Run 12/17/2025 1:16 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

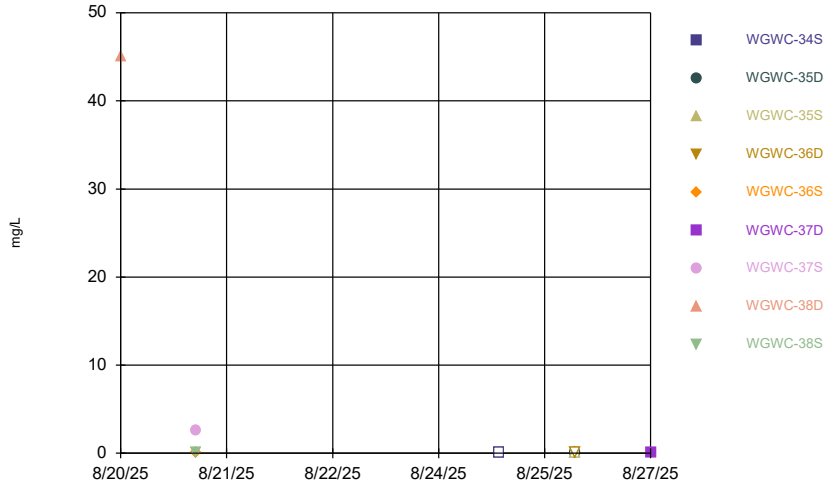
Time Series



Constituent: Boron Analysis Run 12/17/2025 1:16 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

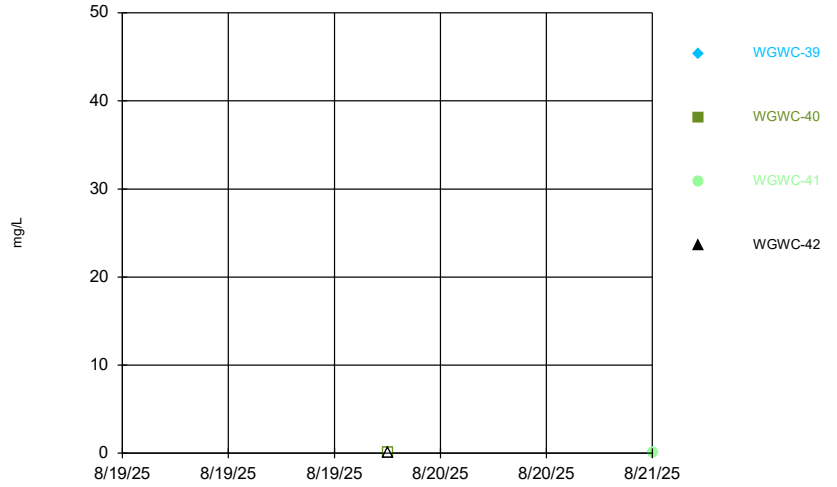
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Constituent: Boron Analysis Run 12/17/2025 1:16 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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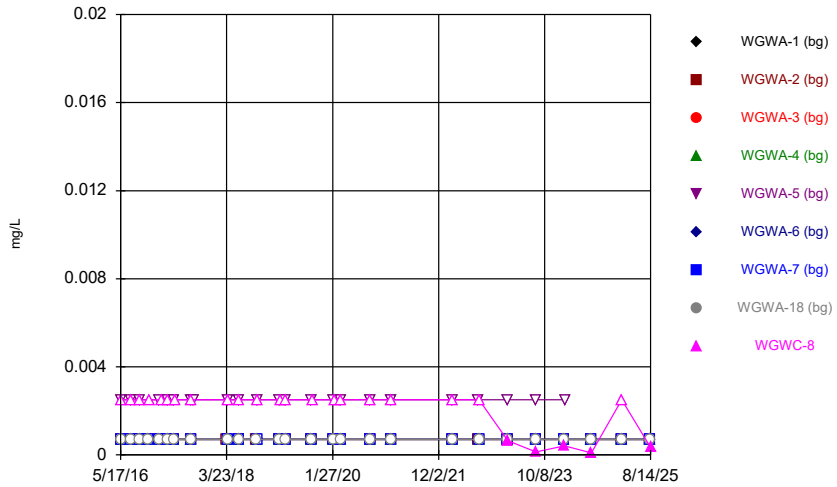
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Constituent: Boron Analysis Run 12/17/2025 1:16 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

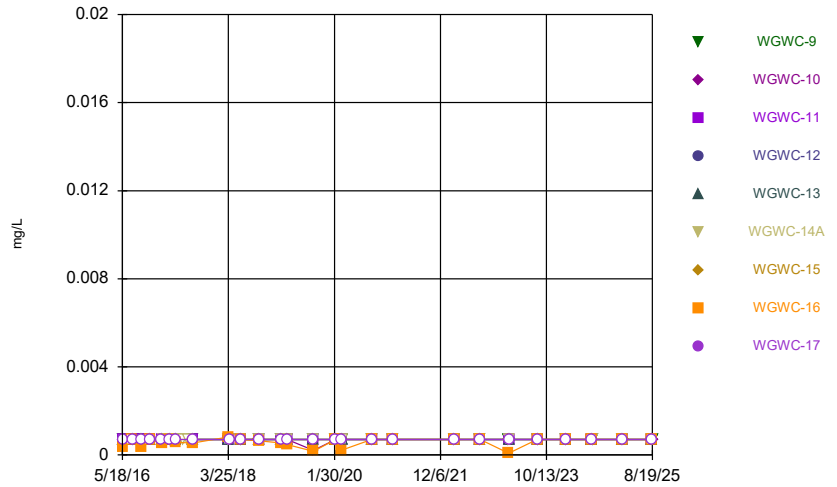
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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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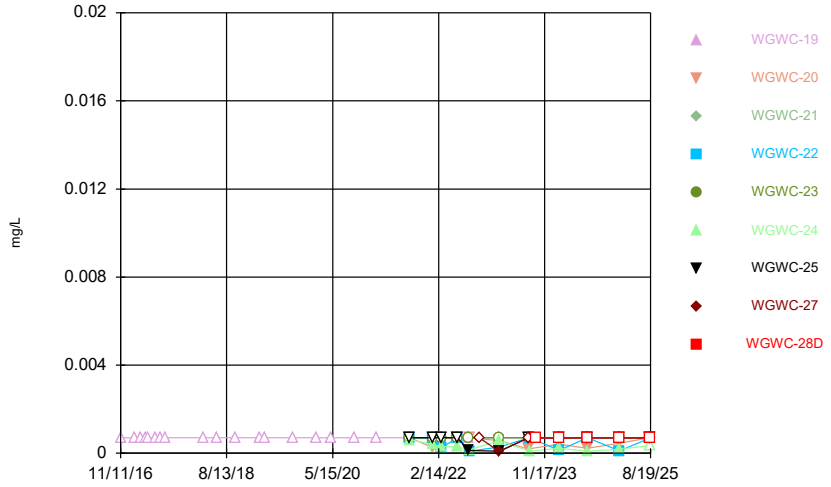
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Constituent: Cadmium Analysis Run 12/17/2025 1:16 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

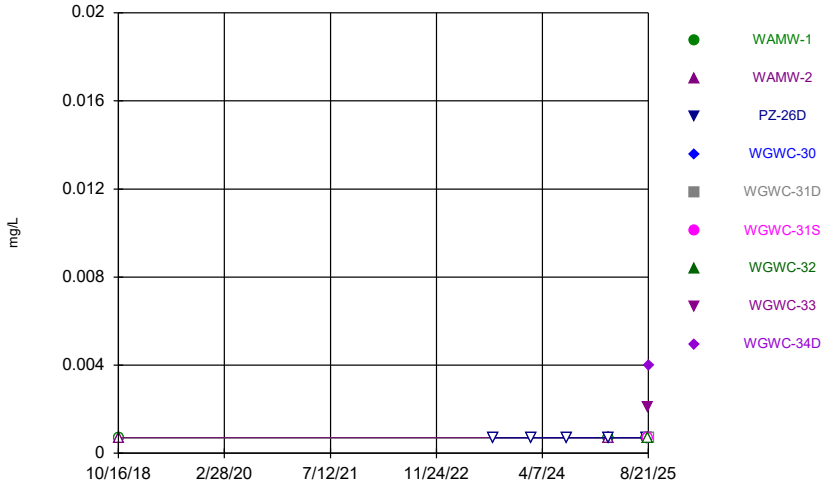
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Constituent: Cadmium Analysis Run 12/17/2025 1:16 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

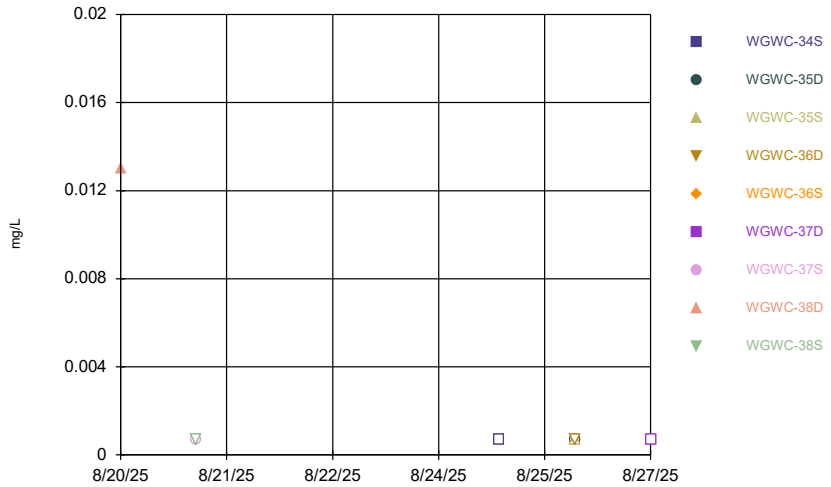
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Constituent: Cadmium Analysis Run 12/17/2025 1:16 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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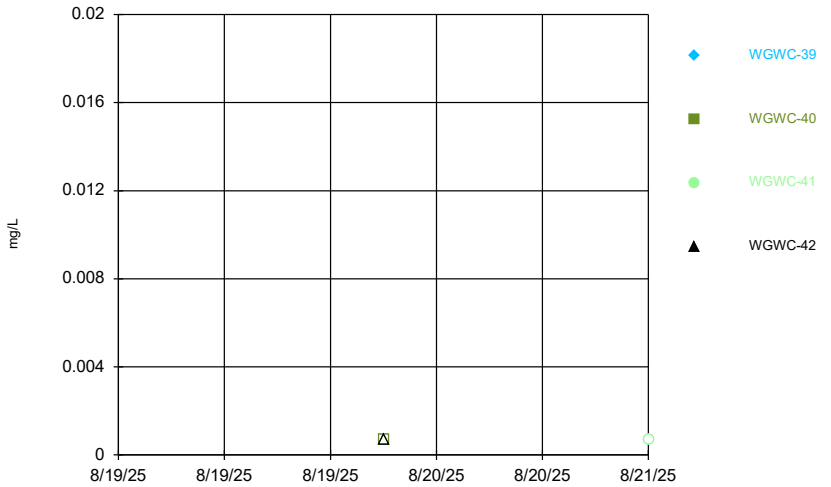
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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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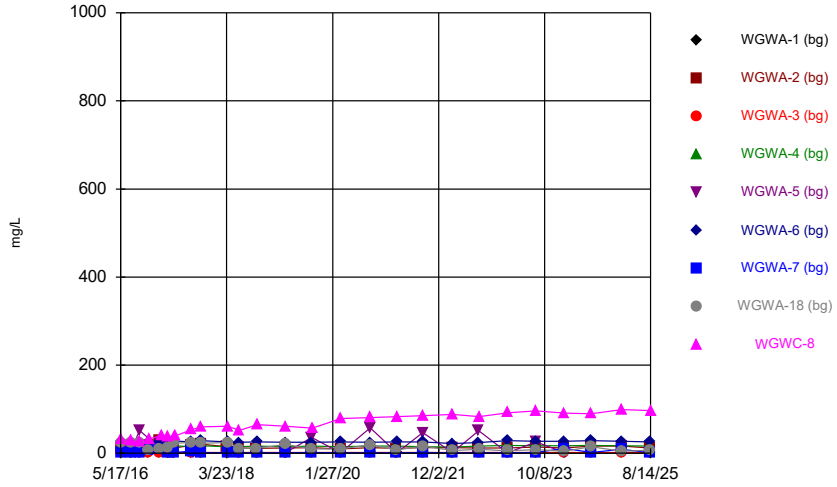
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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Time Series

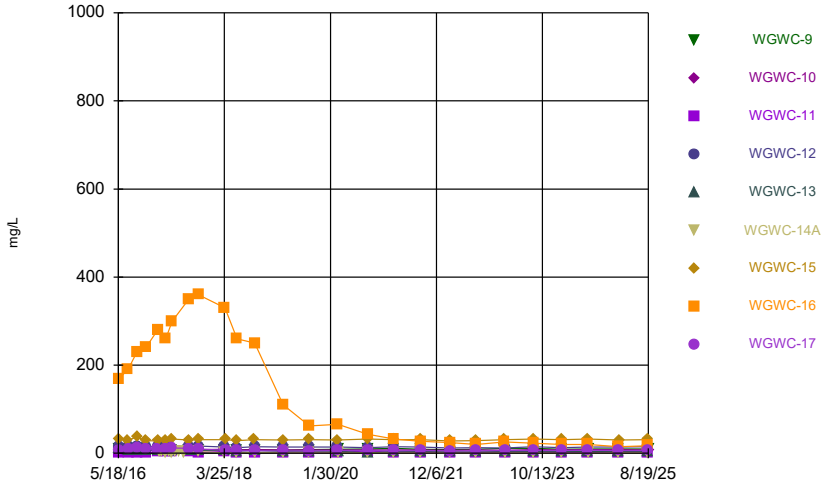


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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Time Series

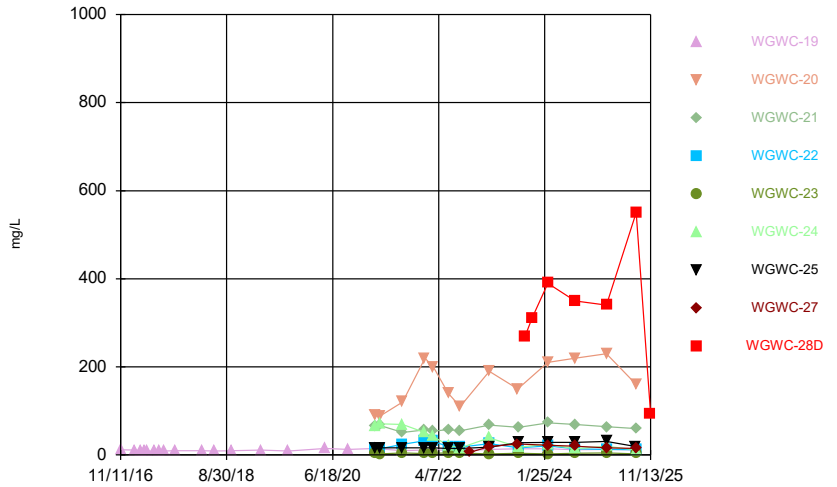


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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Time Series

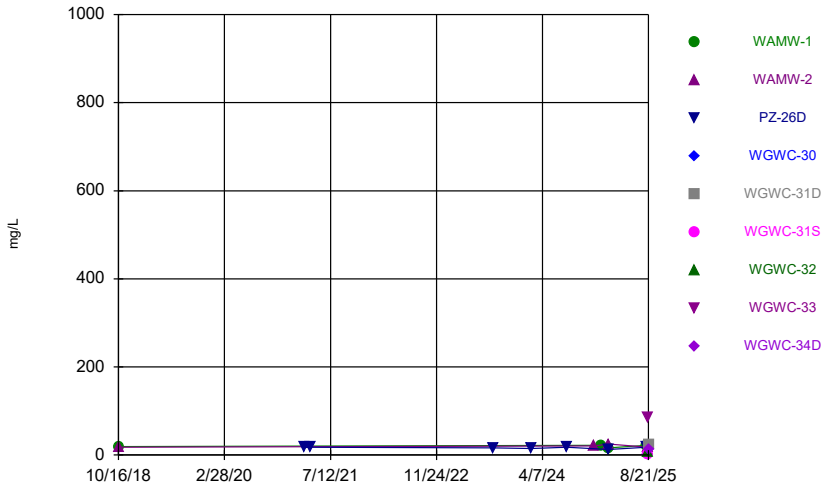


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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Time Series

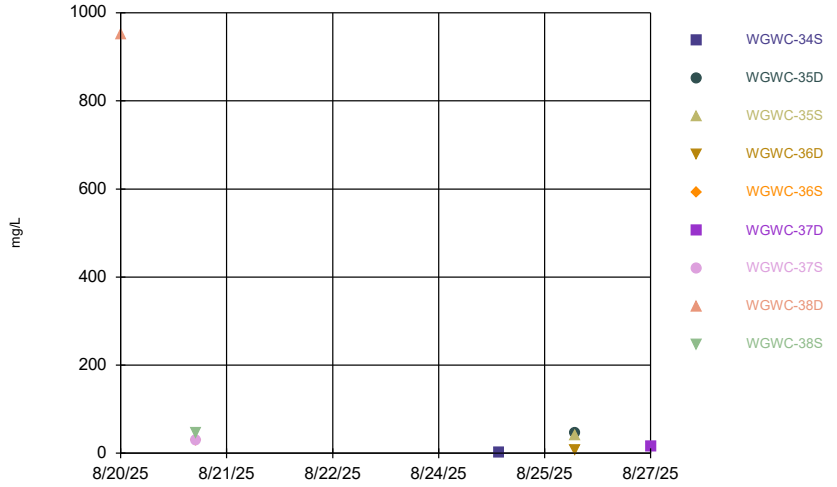


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Time Series

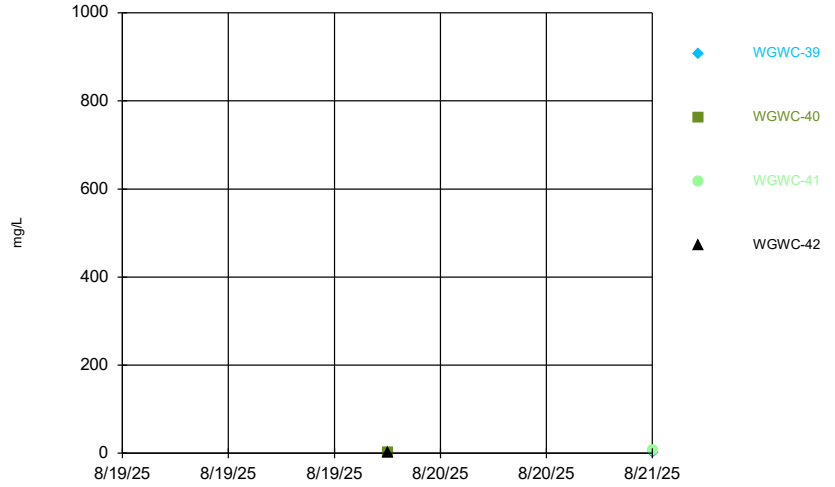


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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Time Series



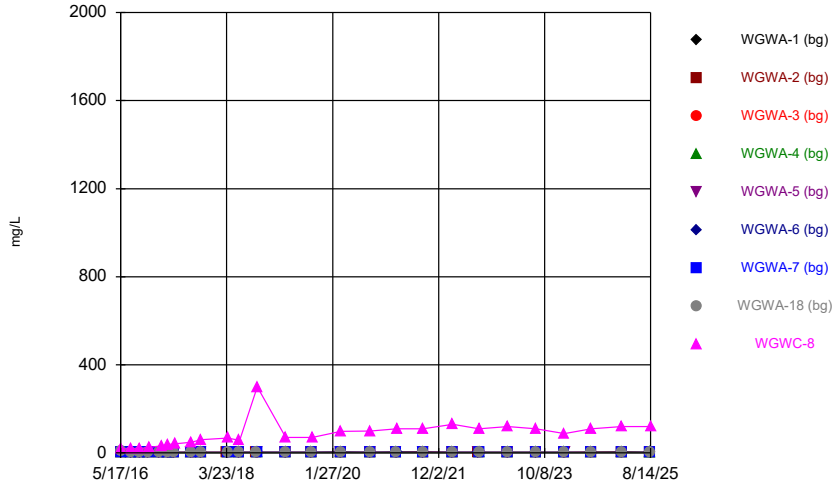
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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Time Series

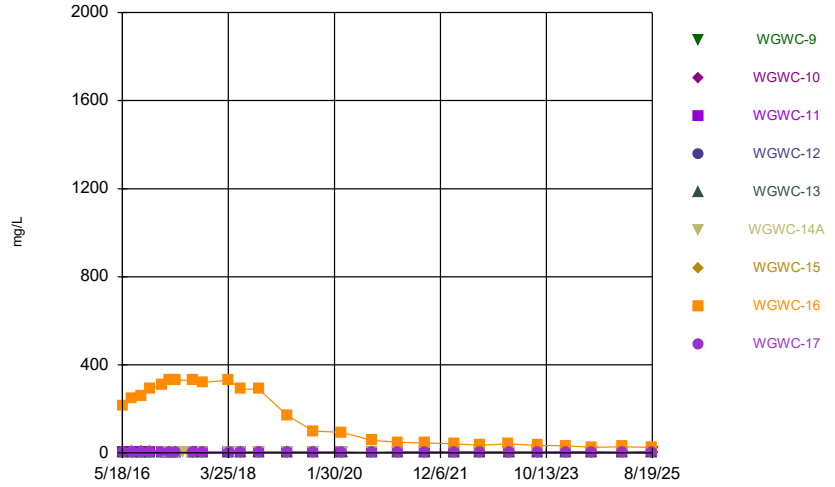


Constituent: Chloride Analysis Run 12/17/2025 1:16 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Time Series

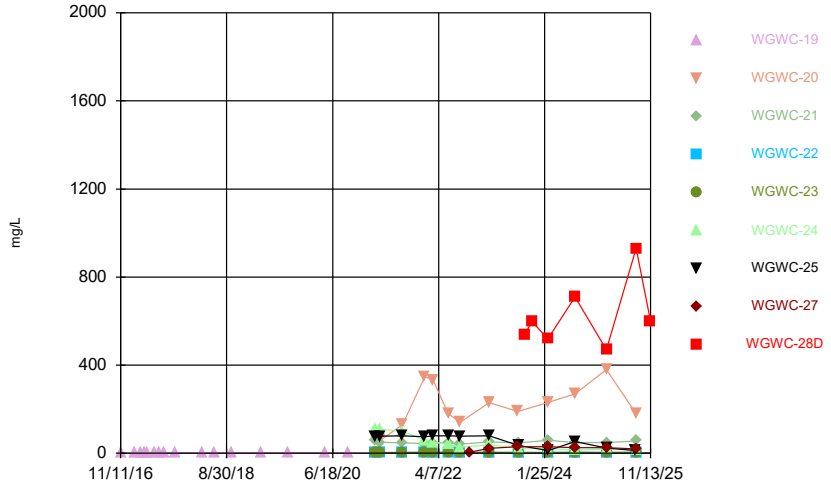


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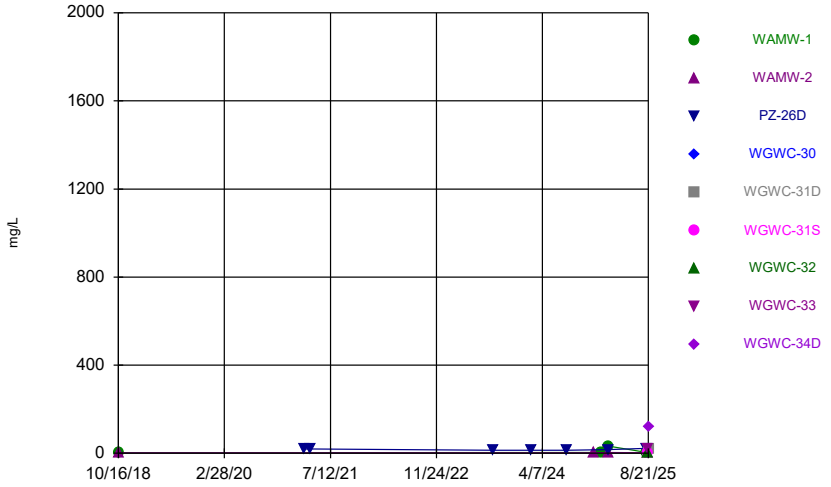
Time Series



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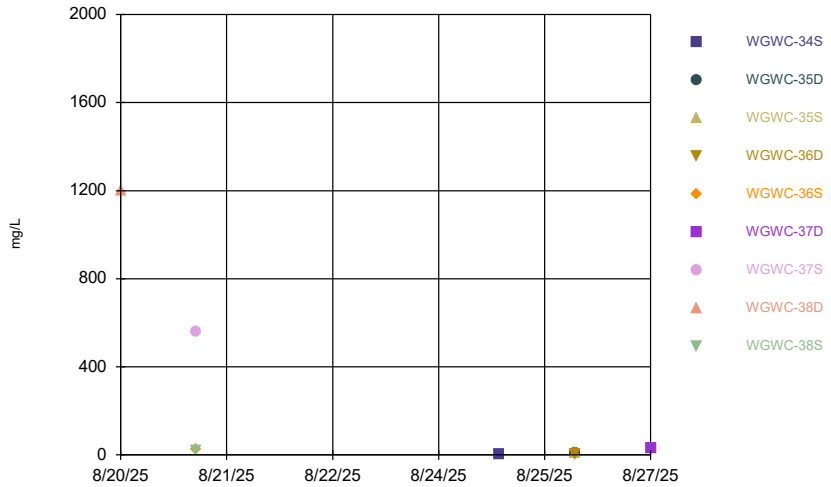
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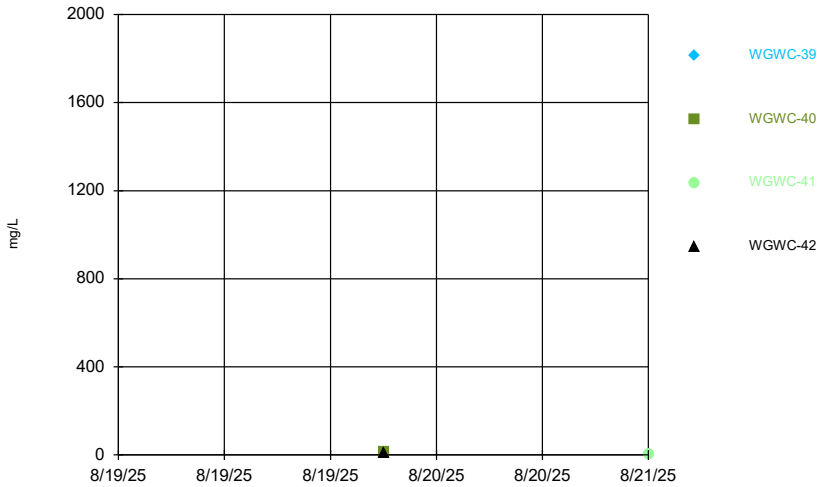
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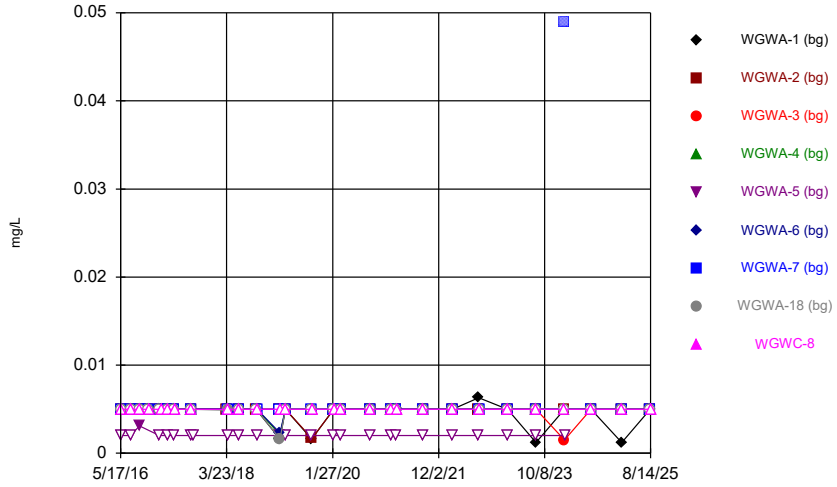
Time Series



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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Hollow symbols indicate censored values.

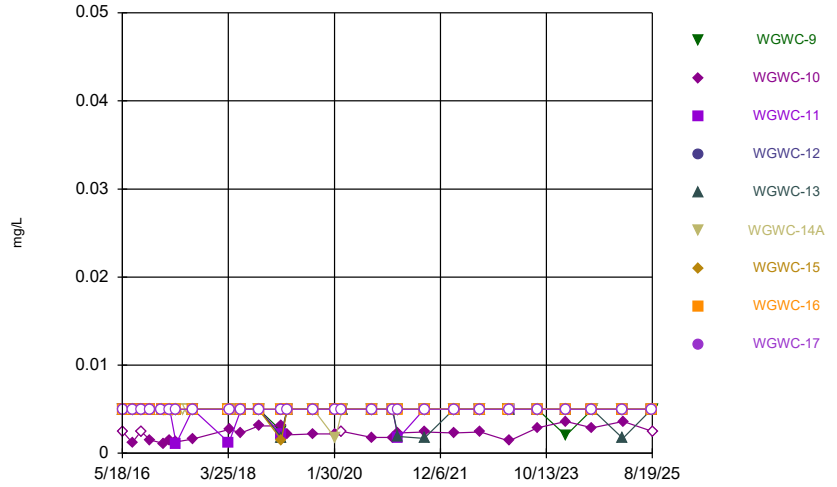
Time Series



Constituent: Chromium Analysis Run 12/17/2025 1:16 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

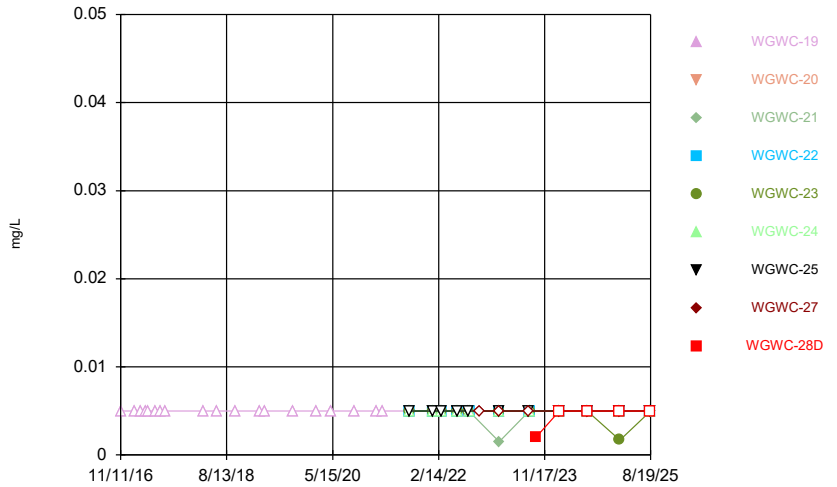
Time Series



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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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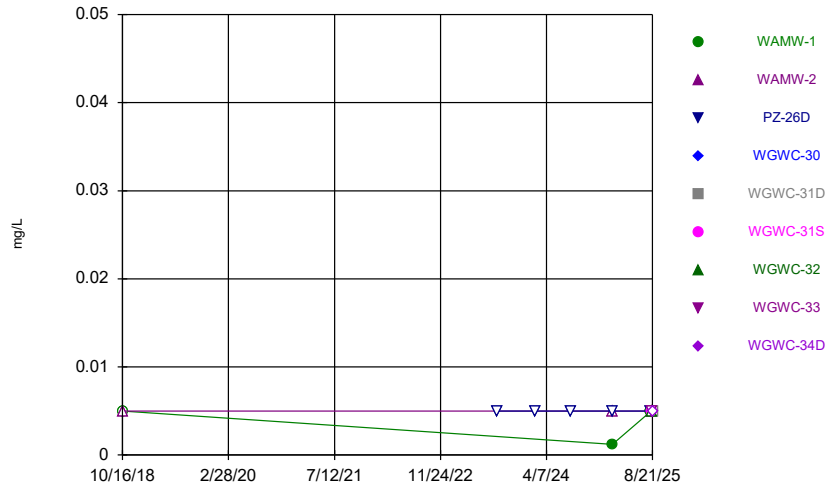
Time Series



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Plant Wansley Client: Southern Company Data: Wansley AP 1

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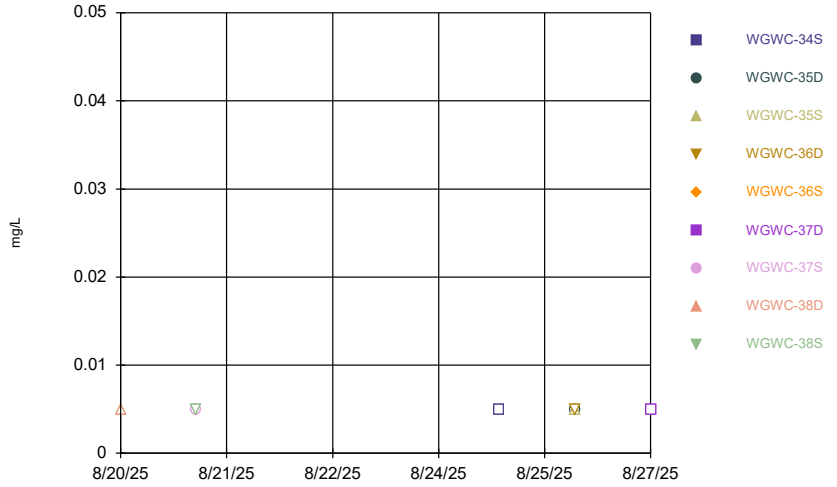
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Plant Wansley Client: Southern Company Data: Wansley AP 1

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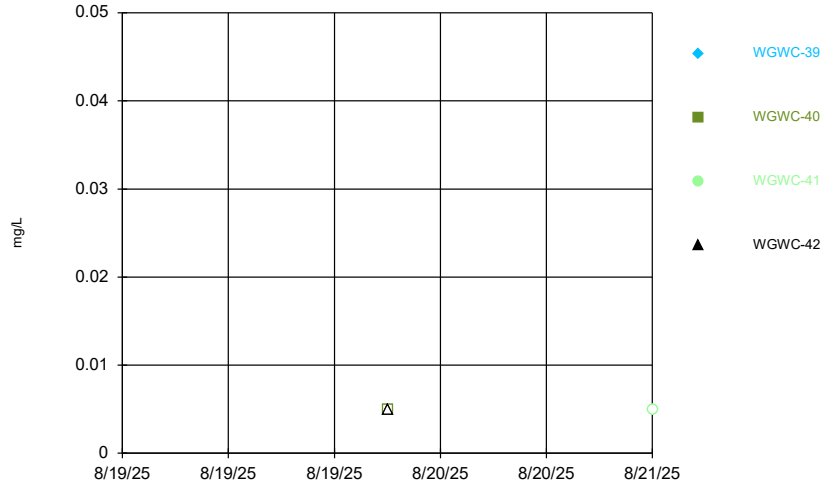
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Plant Wansley Client: Southern Company Data: Wansley AP 1

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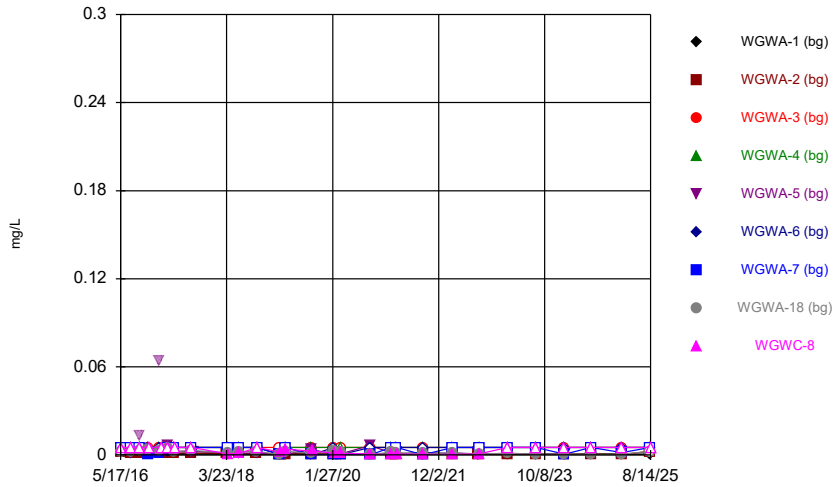
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Plant Wansley Client: Southern Company Data: Wansley AP 1

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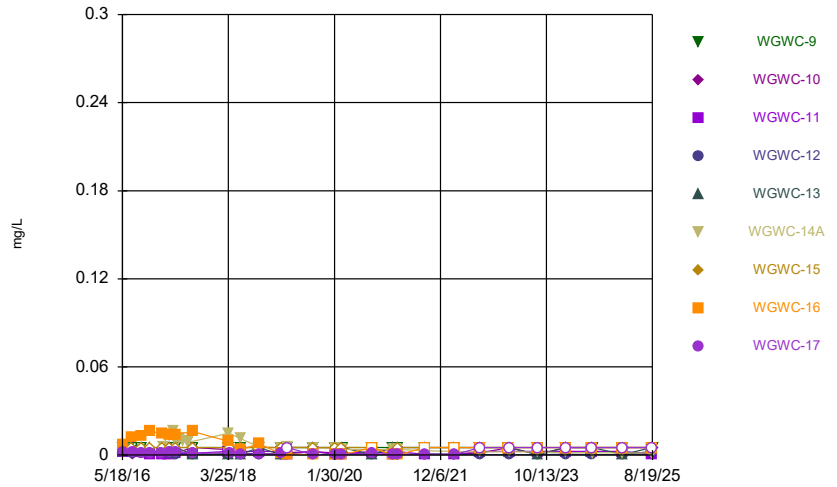
Time Series



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Plant Wansley Client: Southern Company Data: Wansley AP 1

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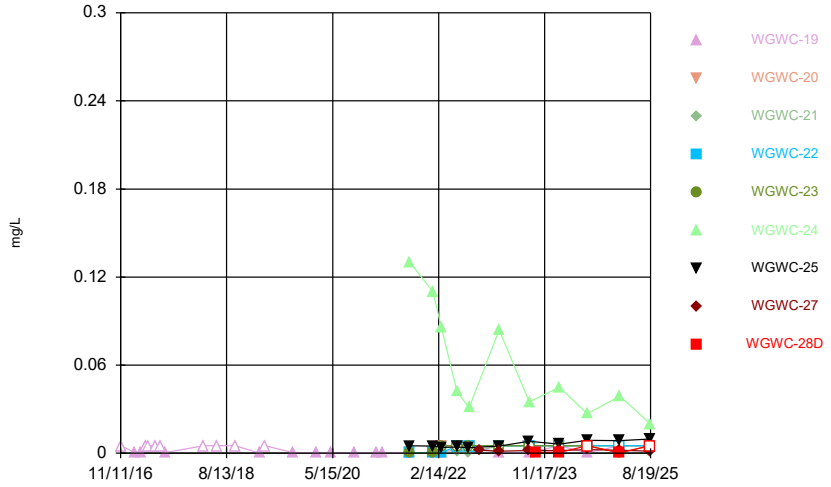
Time Series



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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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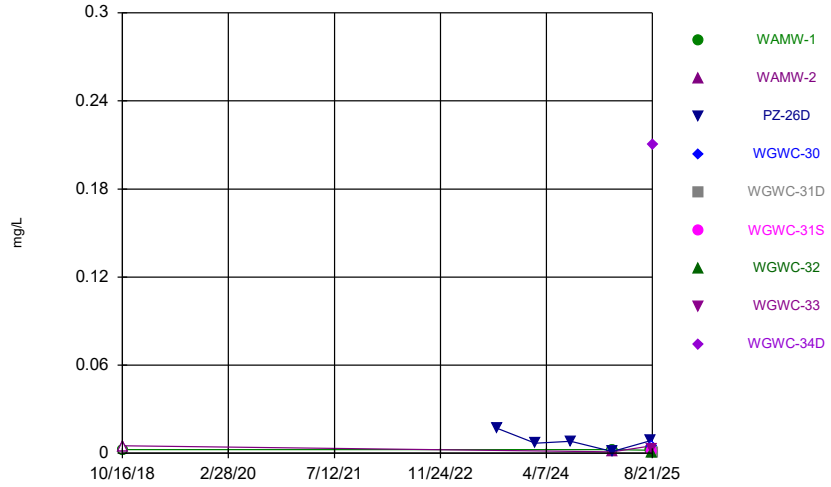
Time Series



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Plant Wansley Client: Southern Company Data: Wansley AP 1

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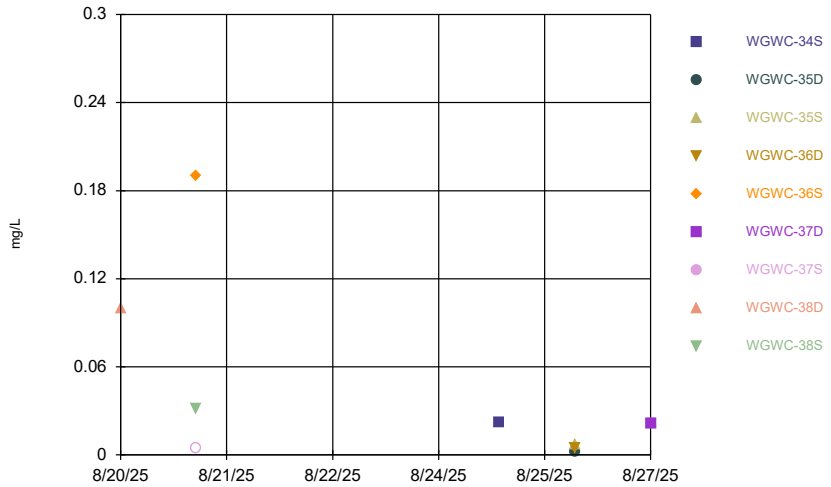
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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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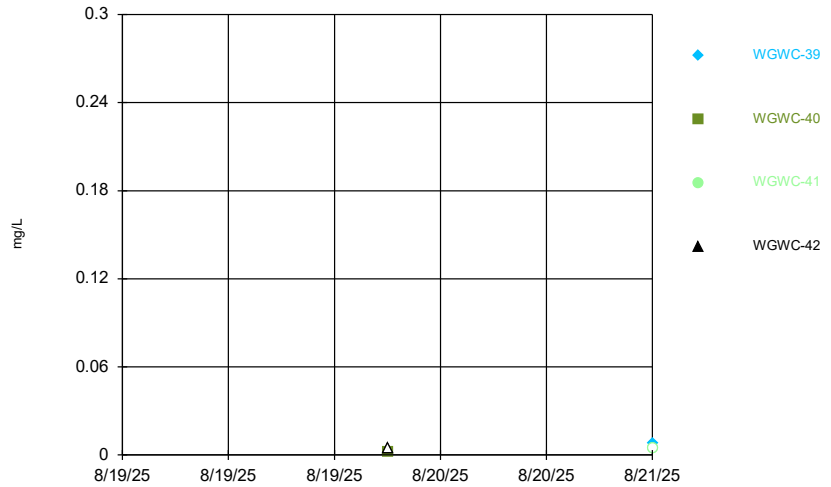
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Constituent: Cobalt Analysis Run 12/17/2025 1:17 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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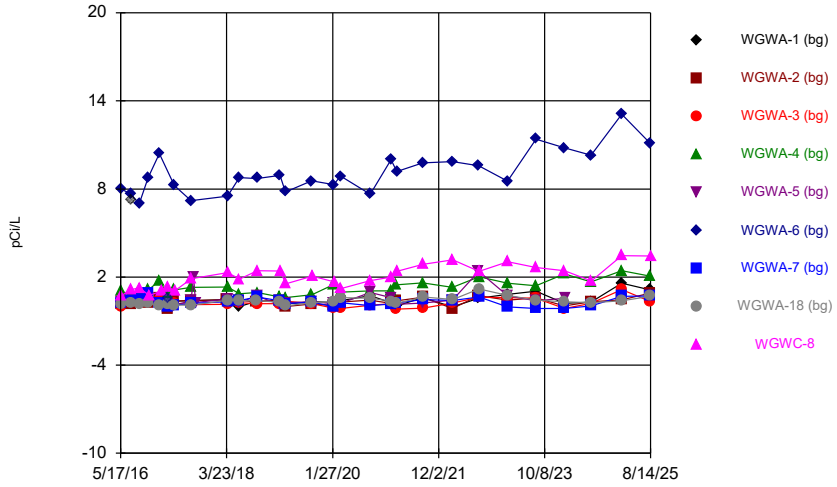
Time Series



Constituent: Cobalt Analysis Run 12/17/2025 1:17 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

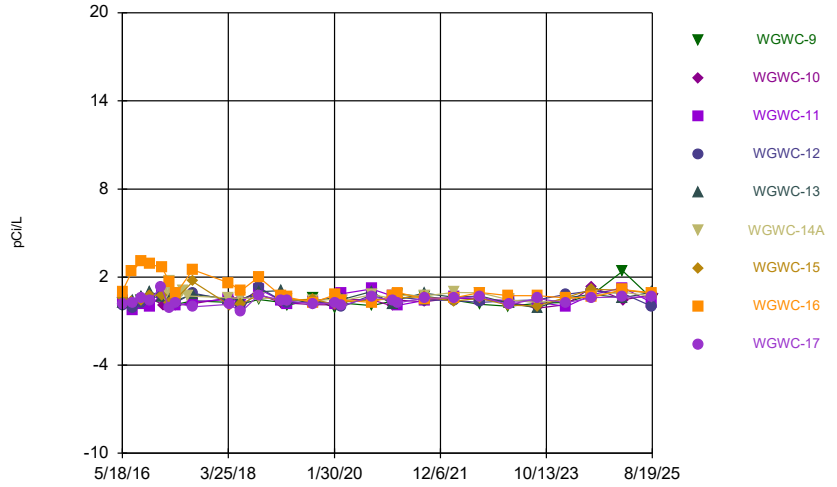
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 12/17/2025 1:17 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

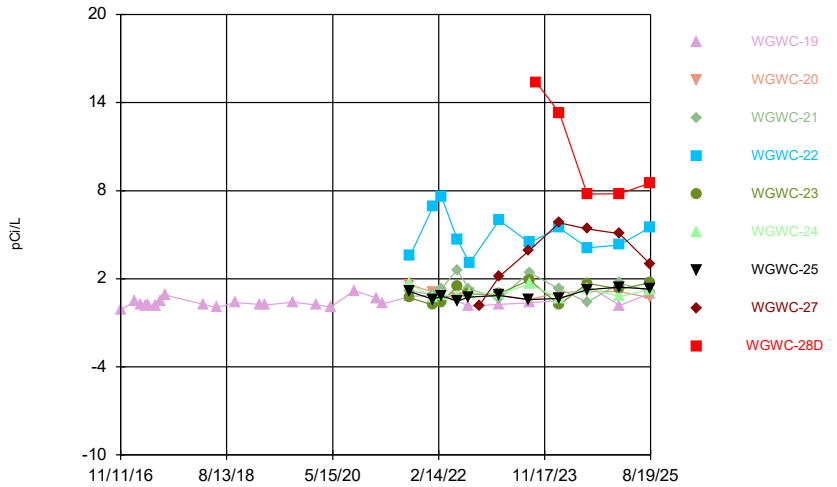
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 12/17/2025 1:17 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

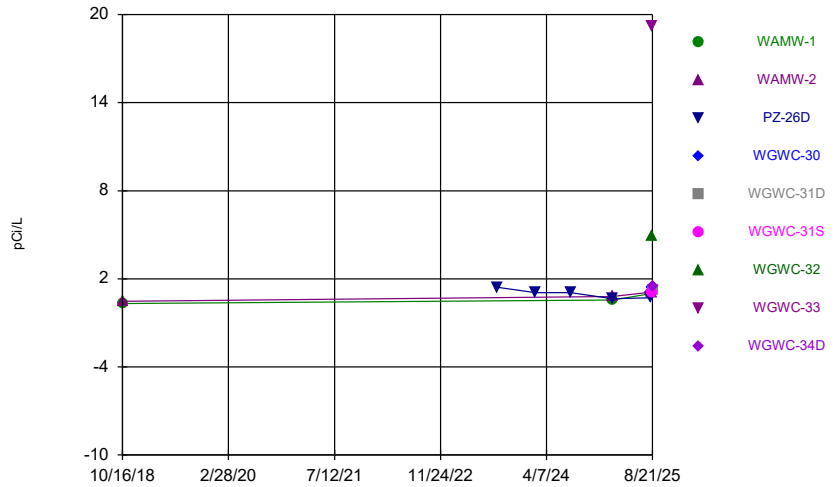
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 12/17/2025 1:17 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

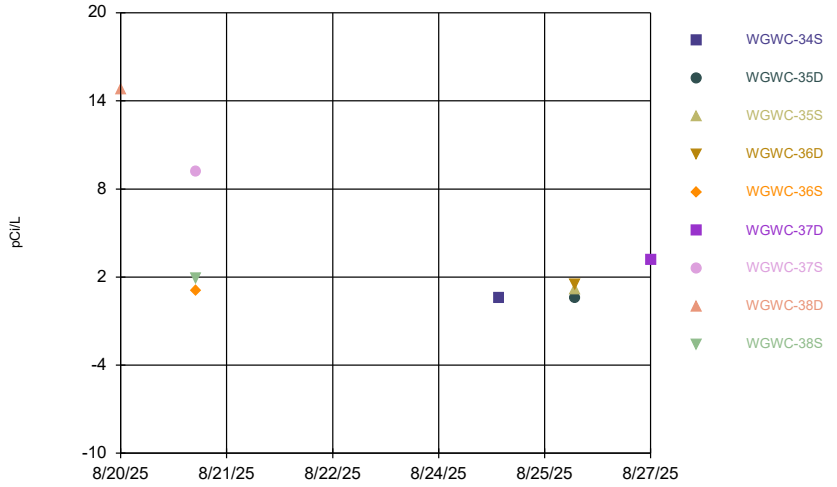
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 12/17/2025 1:17 PM
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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Time Series

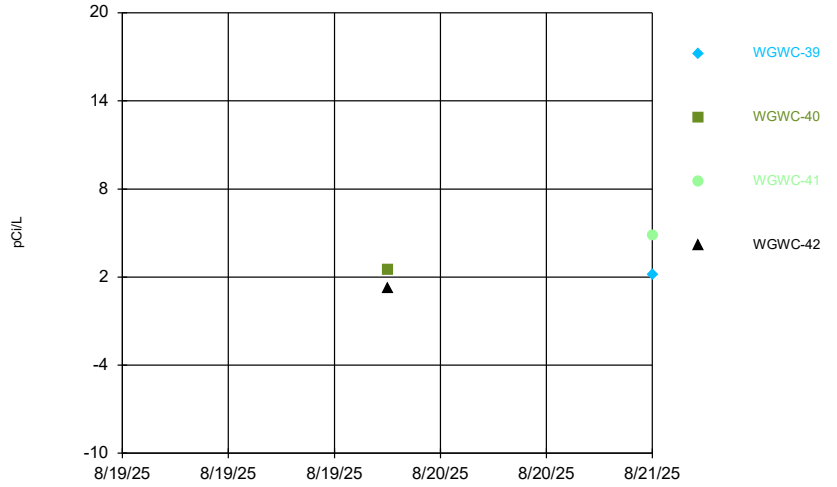


Constituent: Combined Radium 226 + 228 Analysis Run 12/17/2025 1:17 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Time Series



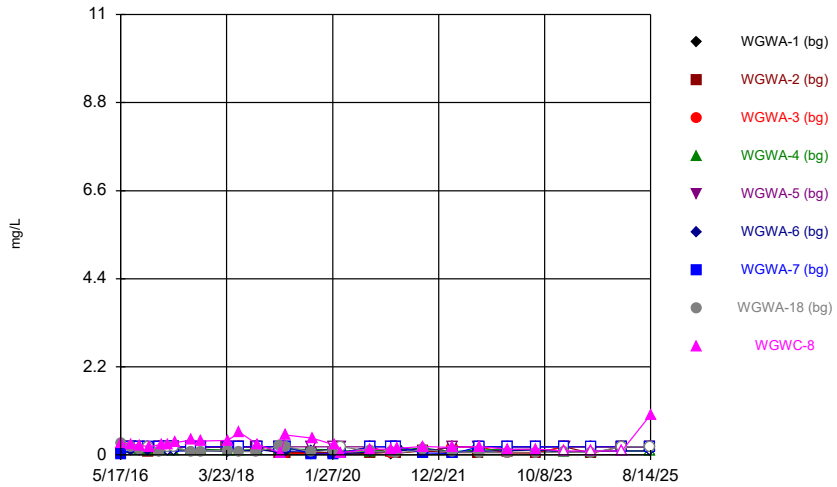
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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Time Series



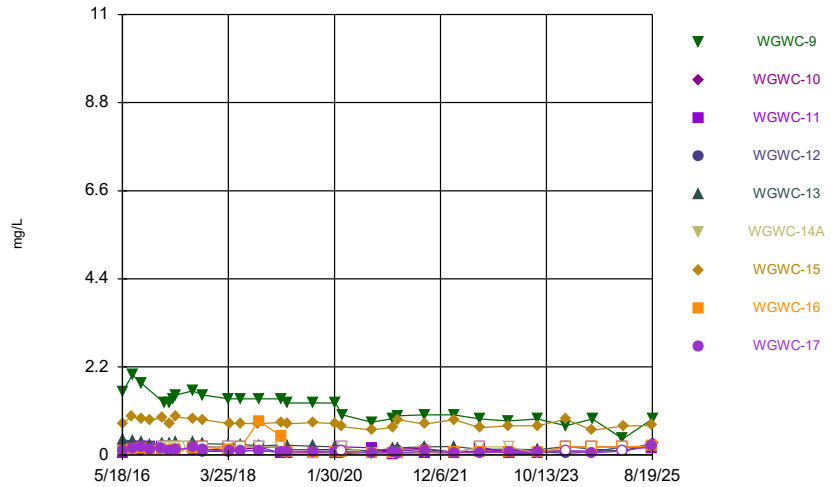
Constituent: Fluoride Analysis Run 12/17/2025 1:17 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Time Series

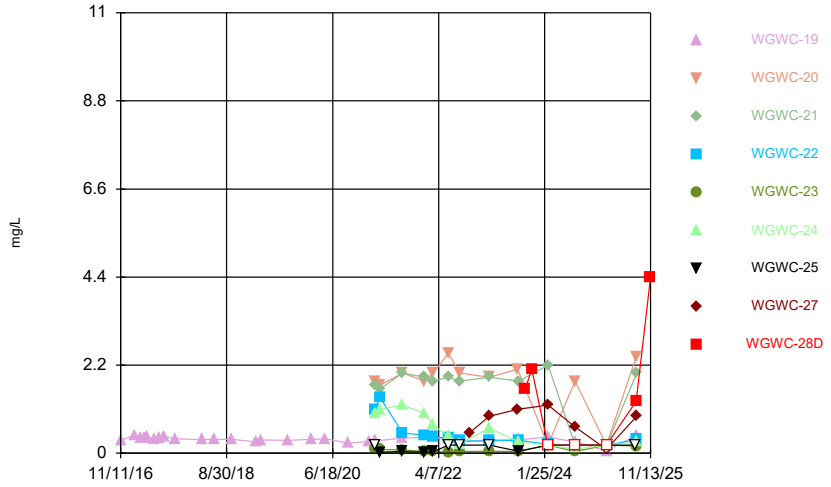


Constituent: Fluoride Analysis Run 12/17/2025 1:17 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

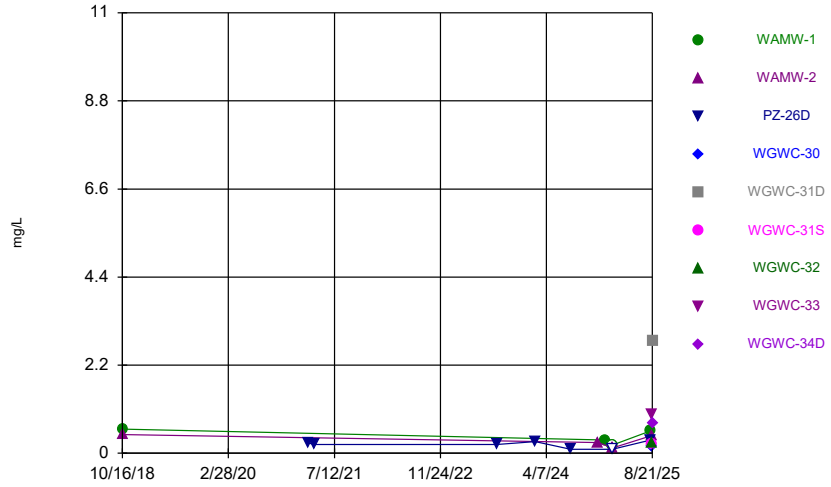
Time Series



Constituent: Fluoride Analysis Run 12/17/2025 1:17 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

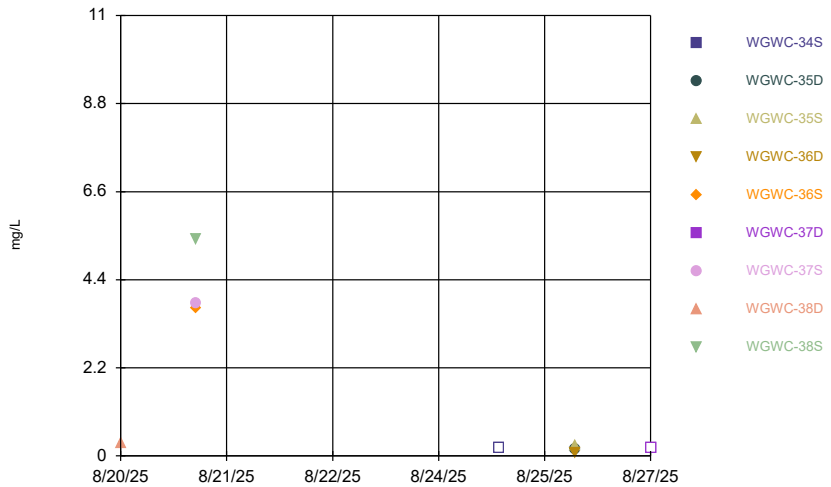
Time Series



Constituent: Fluoride Analysis Run 12/17/2025 1:17 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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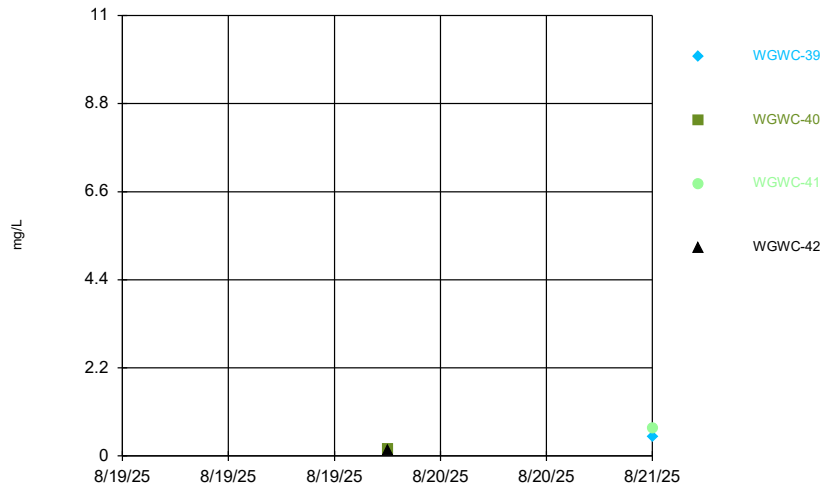
Time Series



Constituent: Fluoride Analysis Run 12/17/2025 1:17 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

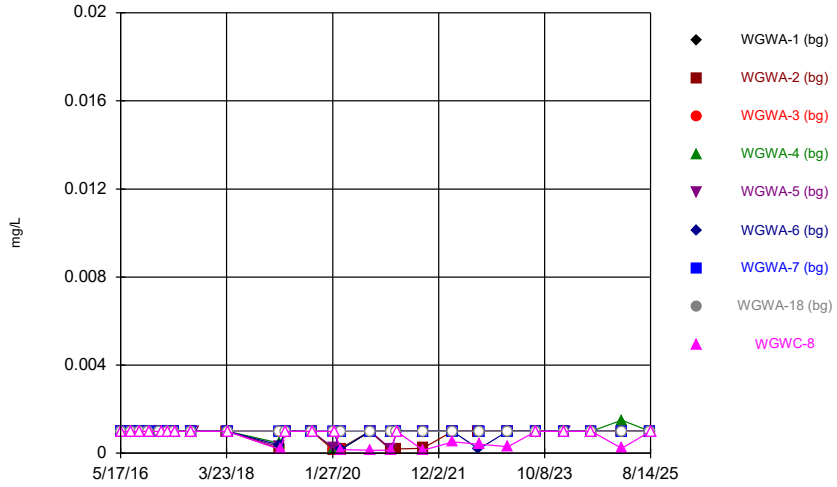
Time Series



Constituent: Fluoride Analysis Run 12/17/2025 1:17 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

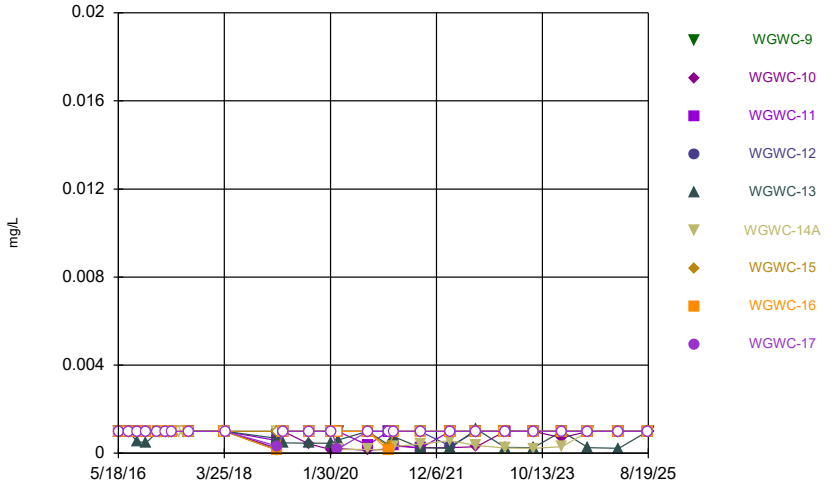
Time Series



Constituent: Lead Analysis Run 12/17/2025 1:17 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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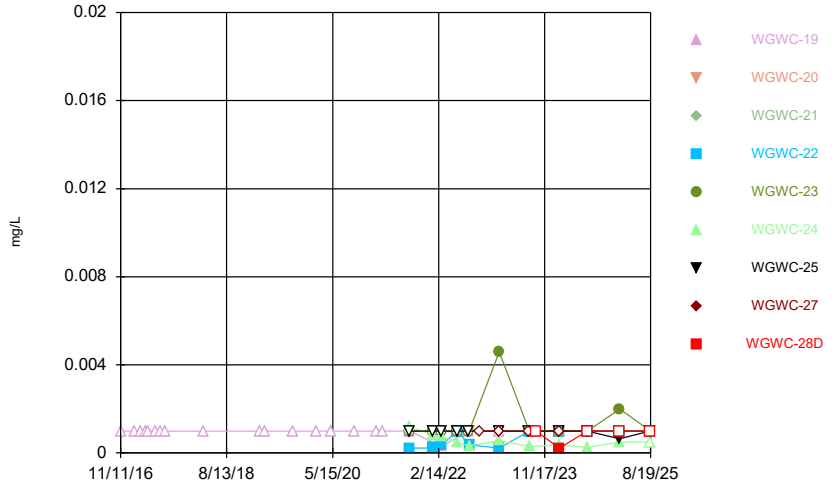
Time Series



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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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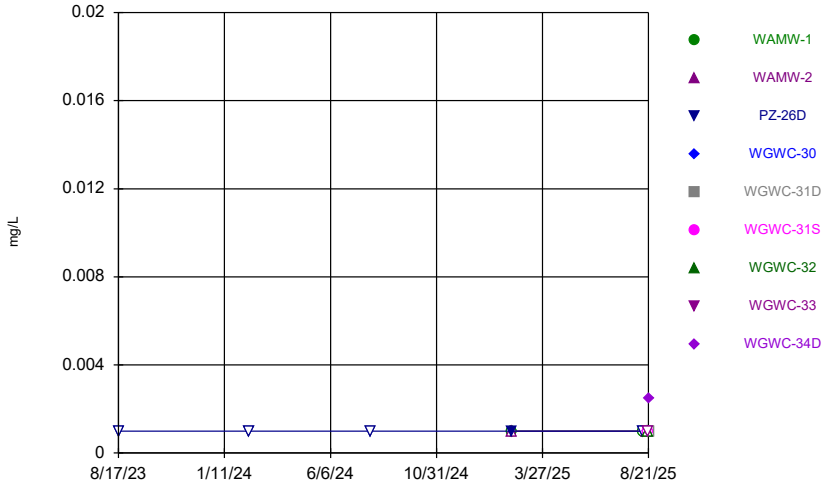
Time Series



Constituent: Lead Analysis Run 12/17/2025 1:17 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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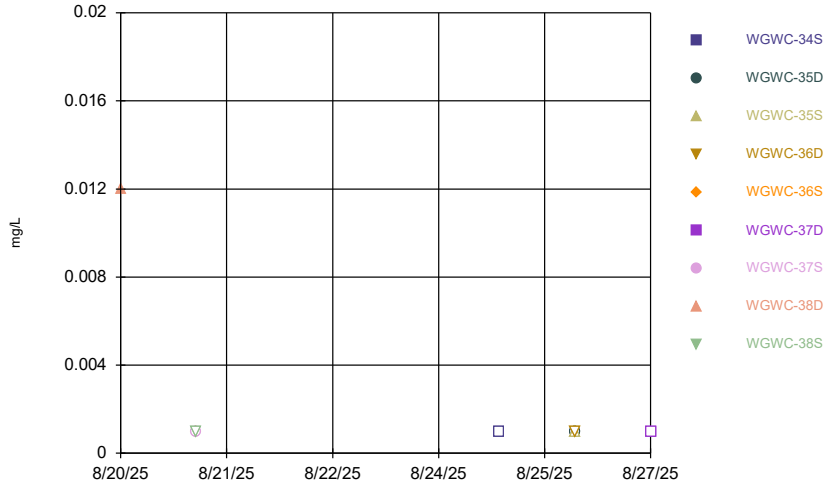
Time Series



Constituent: Lead Analysis Run 12/17/2025 1:17 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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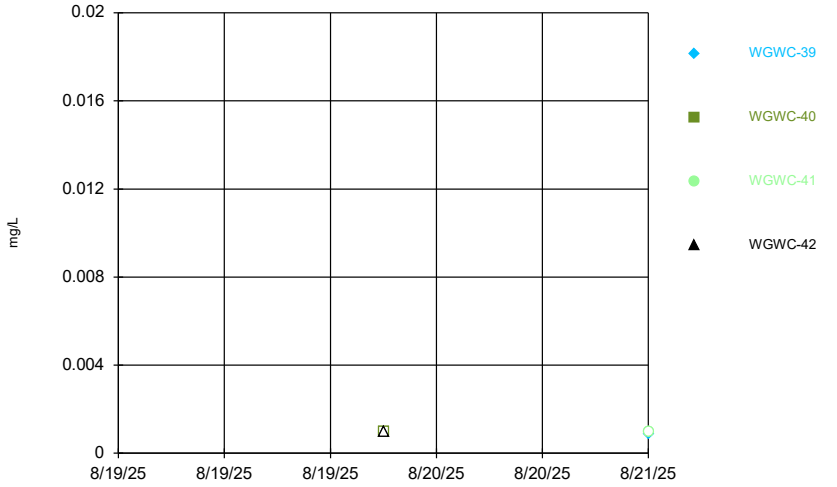
Time Series



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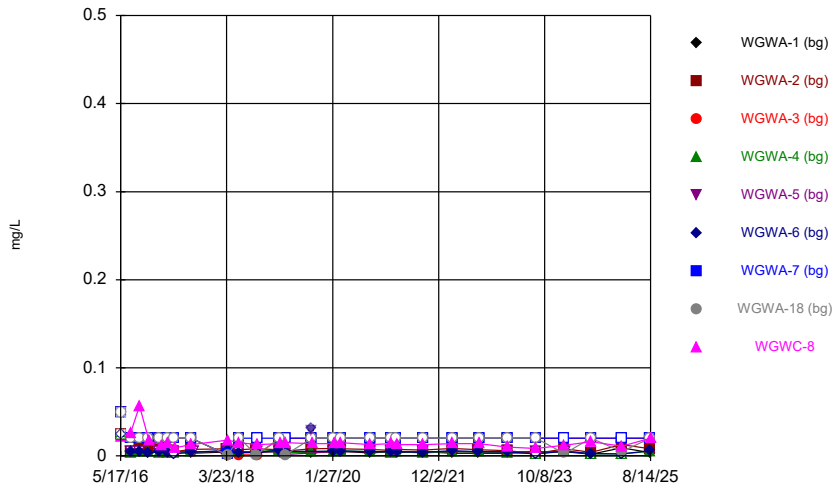
Time Series



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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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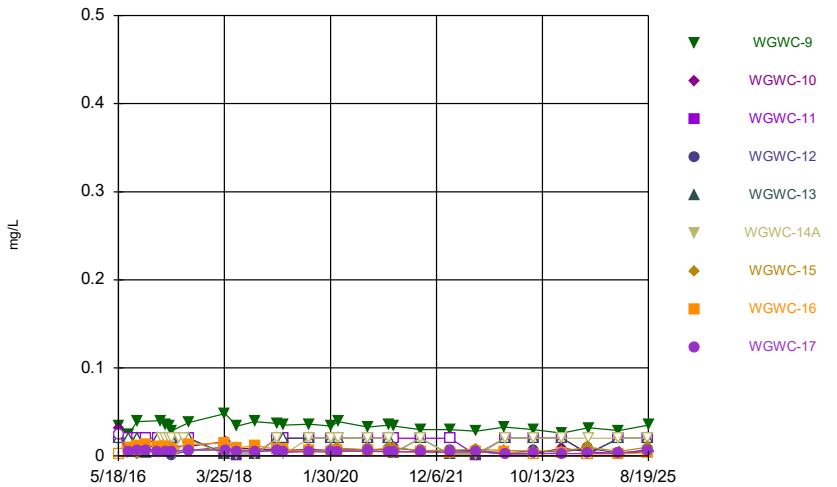
Time Series



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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

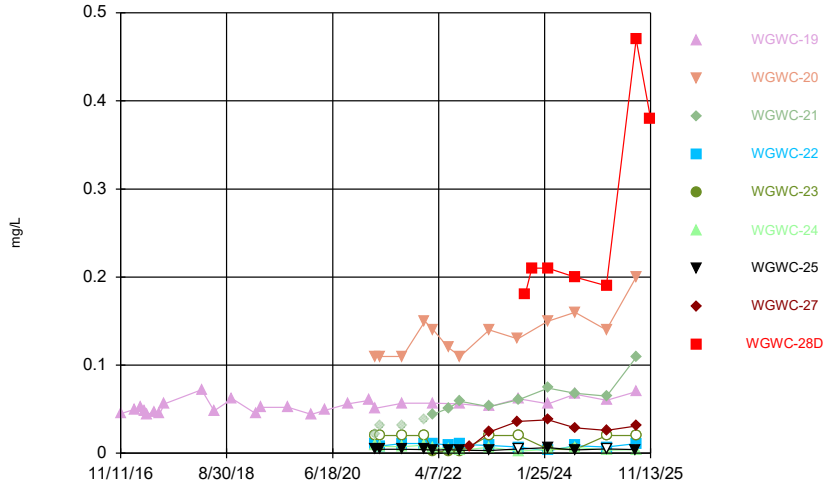
Time Series



Constituent: Lithium Analysis Run 12/17/2025 1:17 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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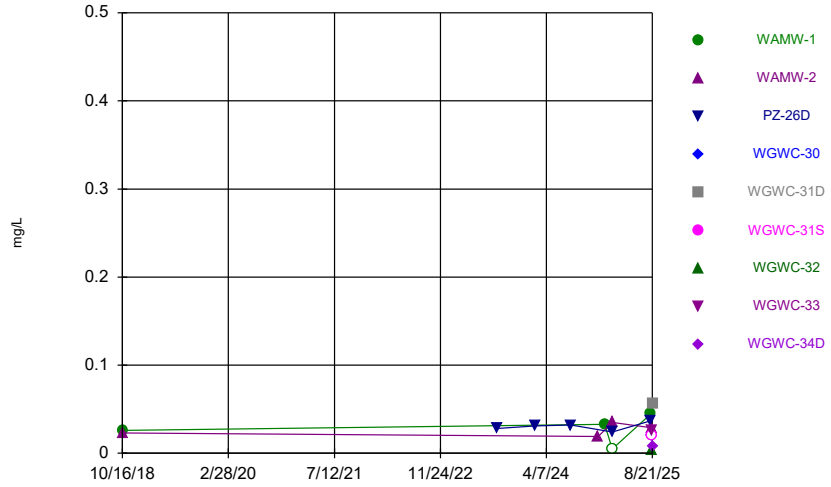
Time Series



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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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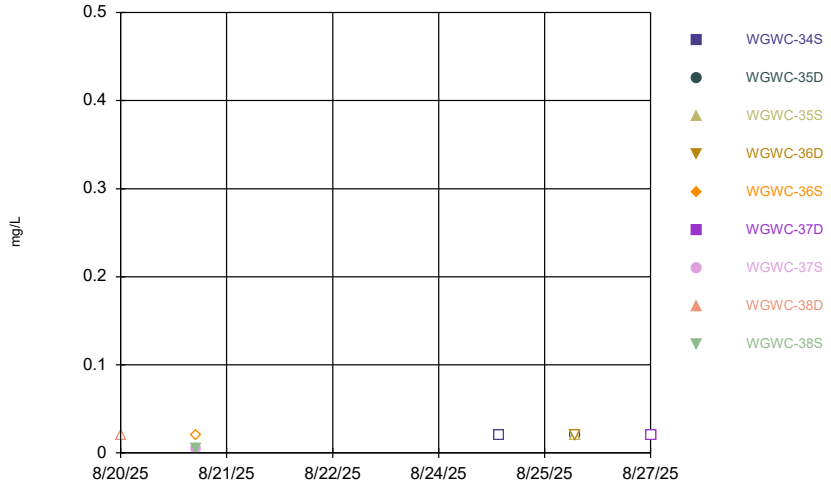
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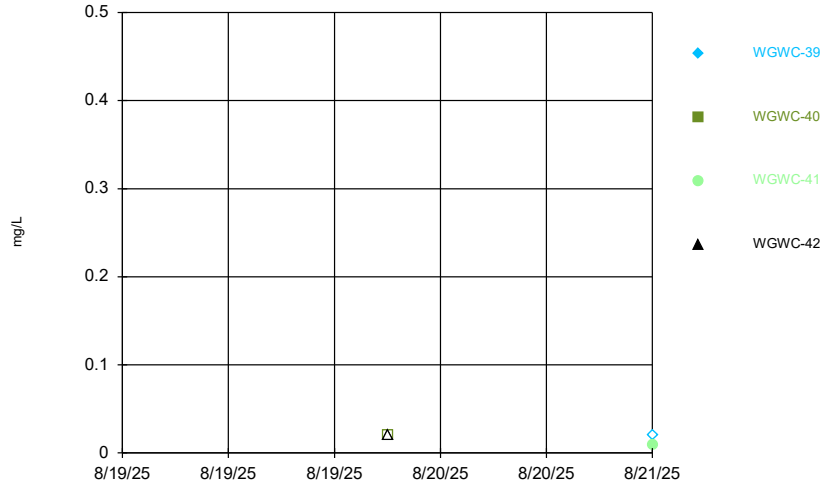
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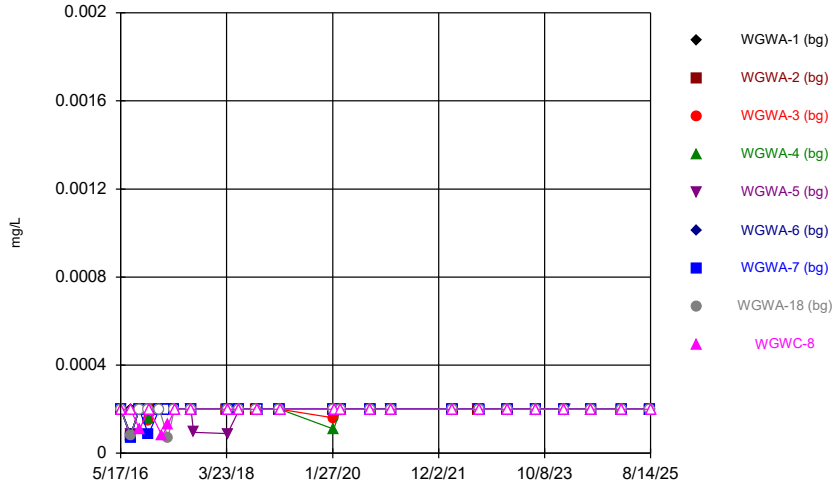
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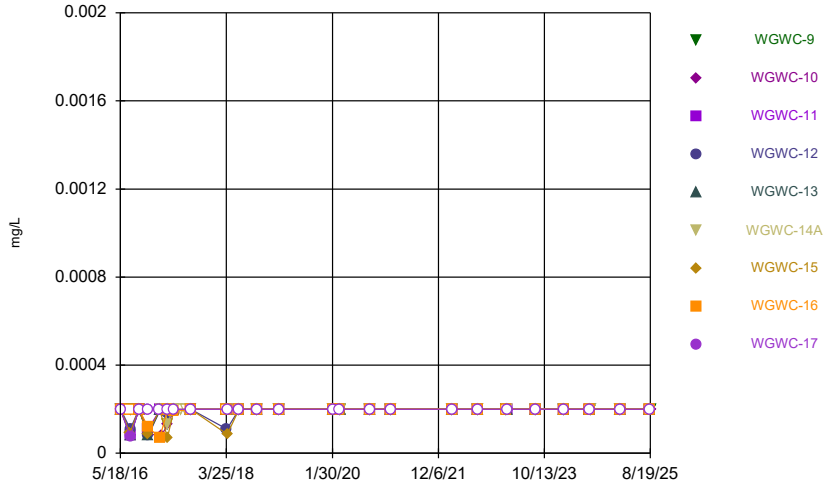
Time Series



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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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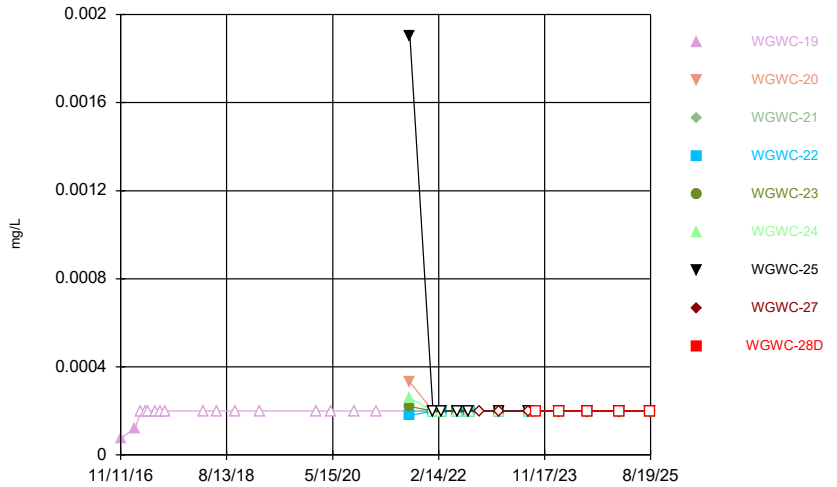
Time Series



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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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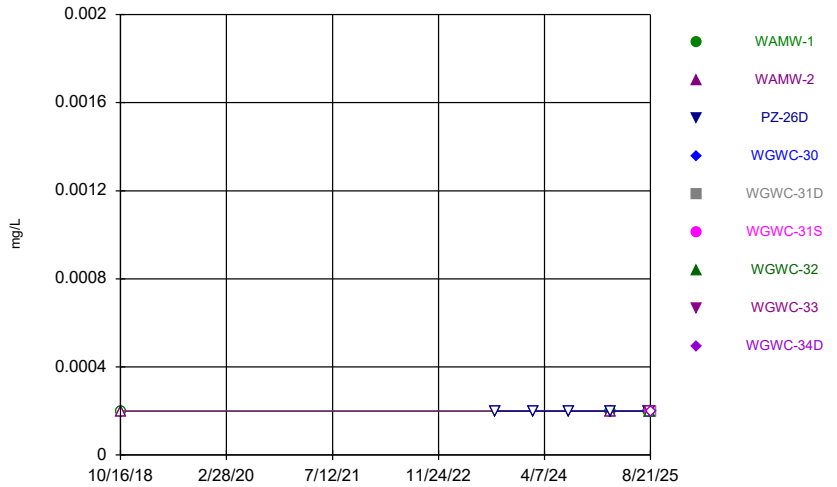
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Constituent: Mercury Analysis Run 12/17/2025 1:17 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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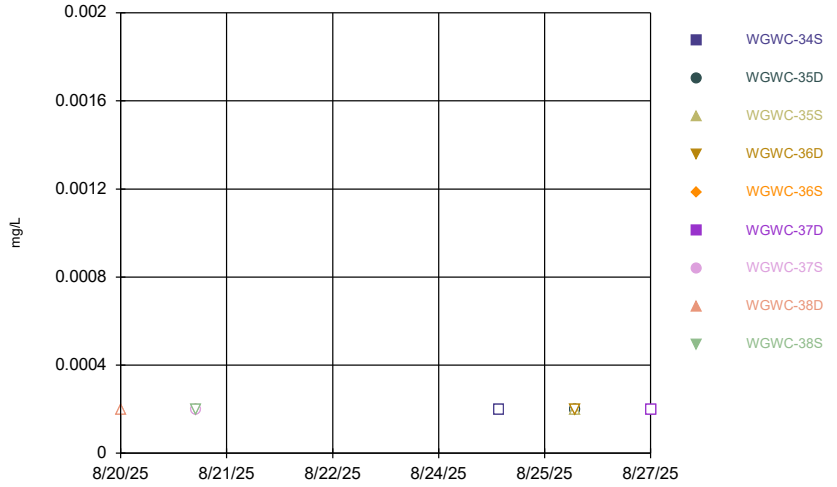
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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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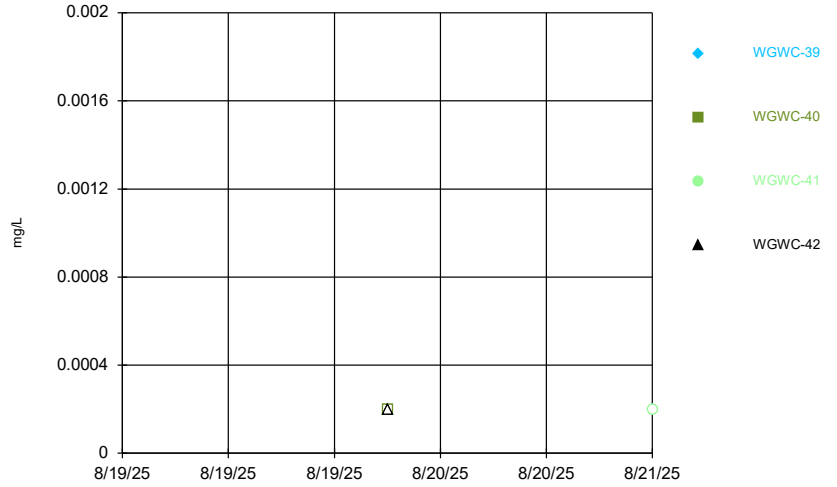
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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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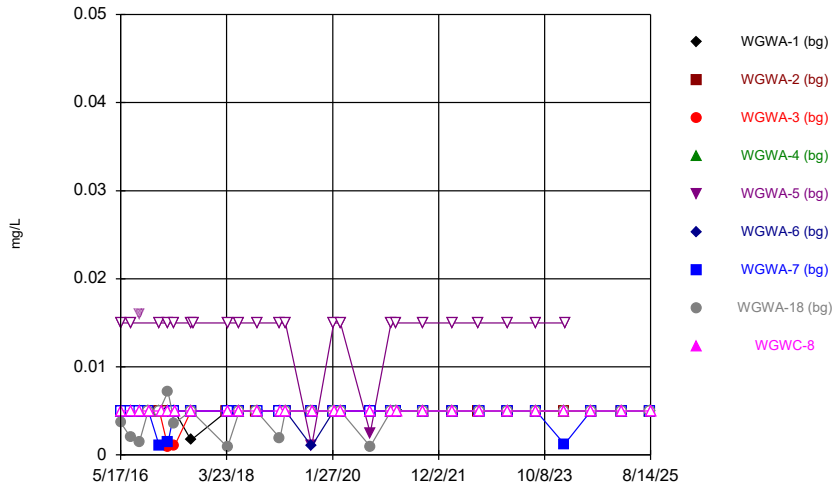
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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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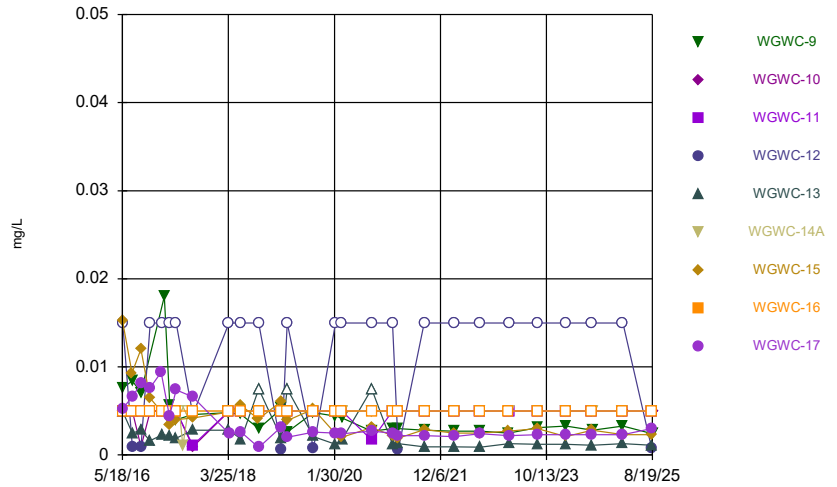
Time Series



Constituent: Molybdenum Analysis Run 12/17/2025 1:17 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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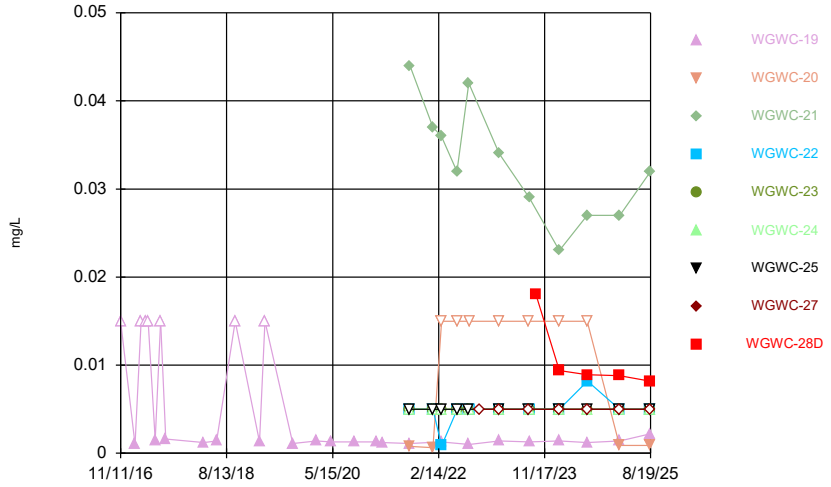
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Constituent: Molybdenum Analysis Run 12/17/2025 1:17 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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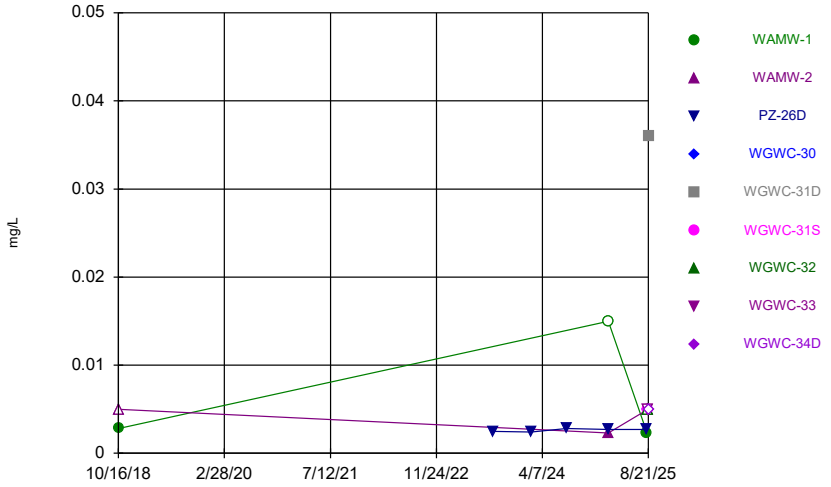
Time Series



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Plant Wansley Client: Southern Company Data: Wansley AP 1

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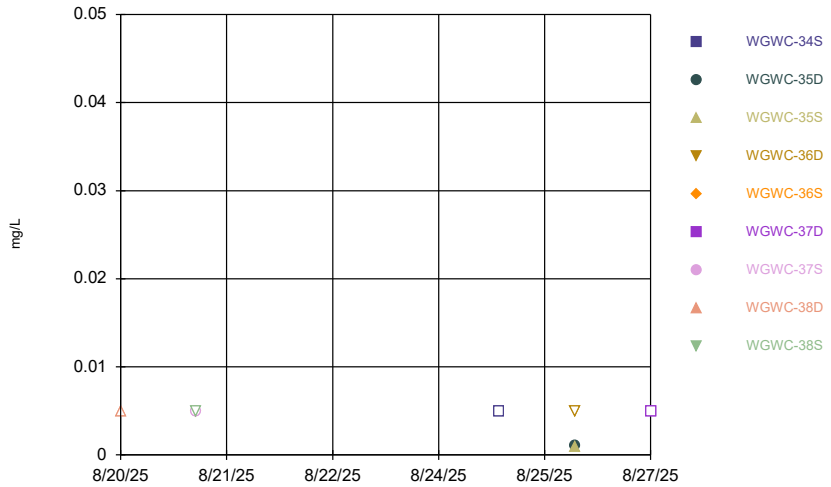
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Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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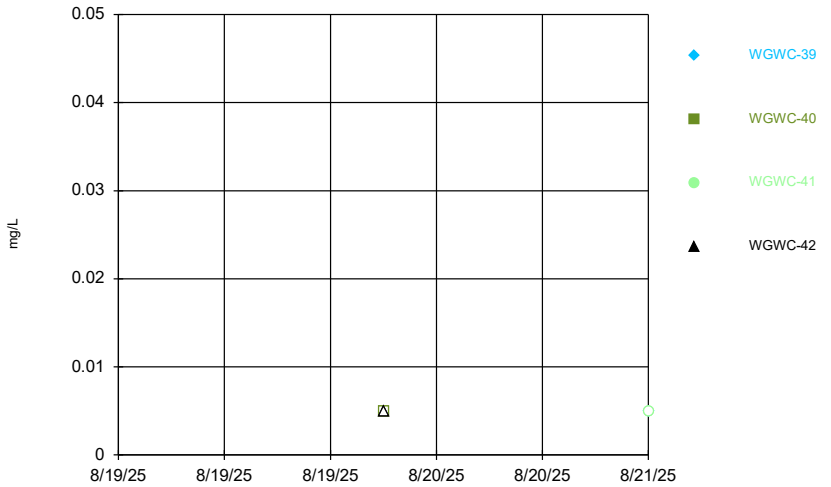
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Constituent: Molybdenum Analysis Run 12/17/2025 1:17 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
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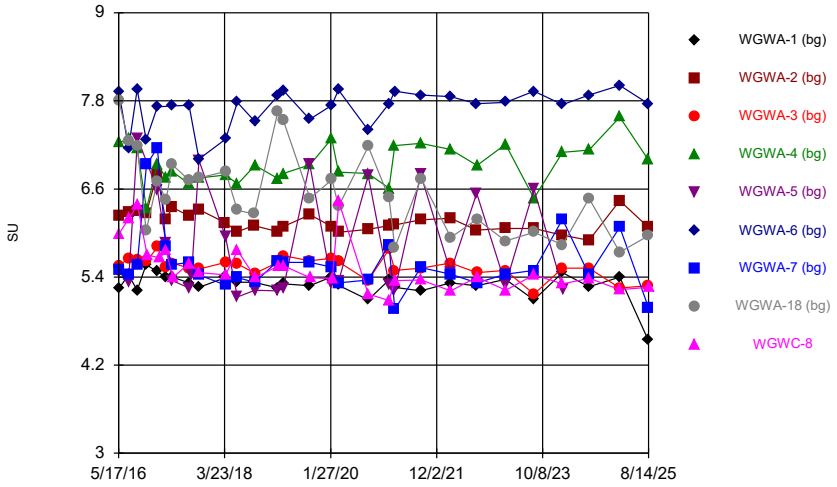
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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Time Series

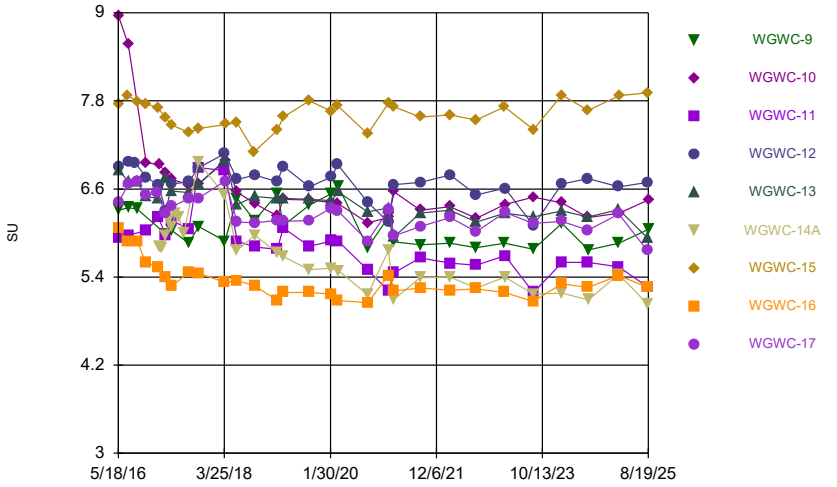


Constituent: pH, Field Analysis Run 12/17/2025 1:17 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Time Series

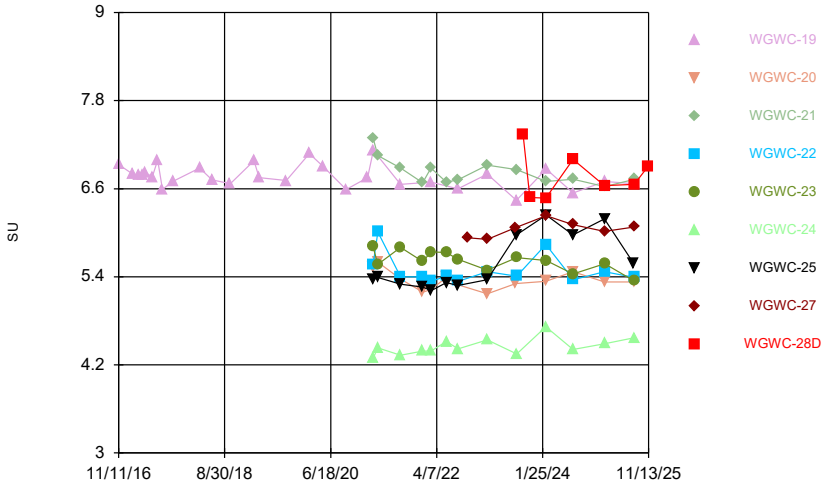


Constituent: pH, Field Analysis Run 12/17/2025 1:17 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Time Series

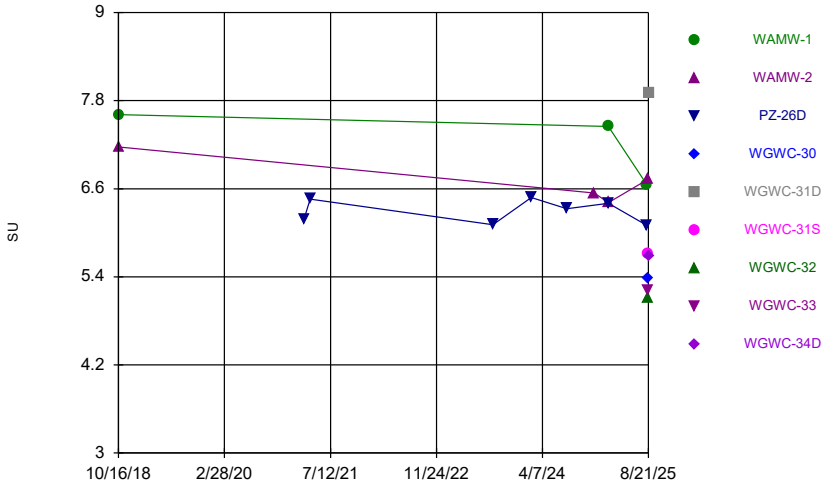


Constituent: pH, Field Analysis Run 12/17/2025 1:17 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Time Series

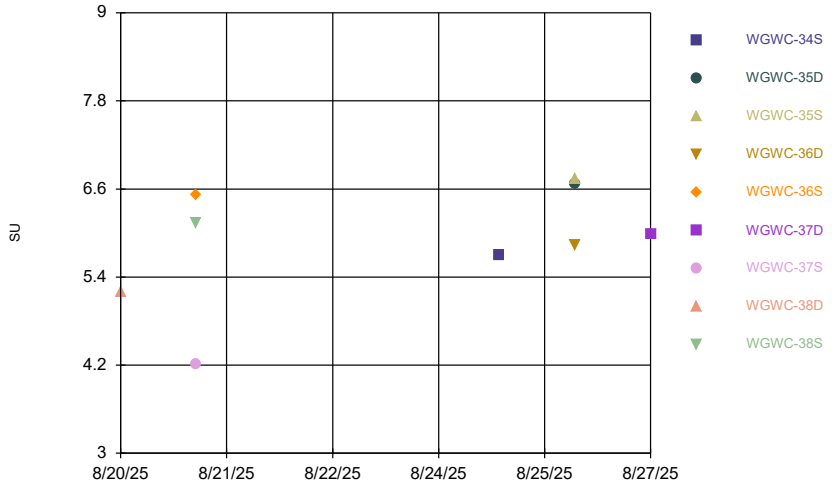


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Time Series

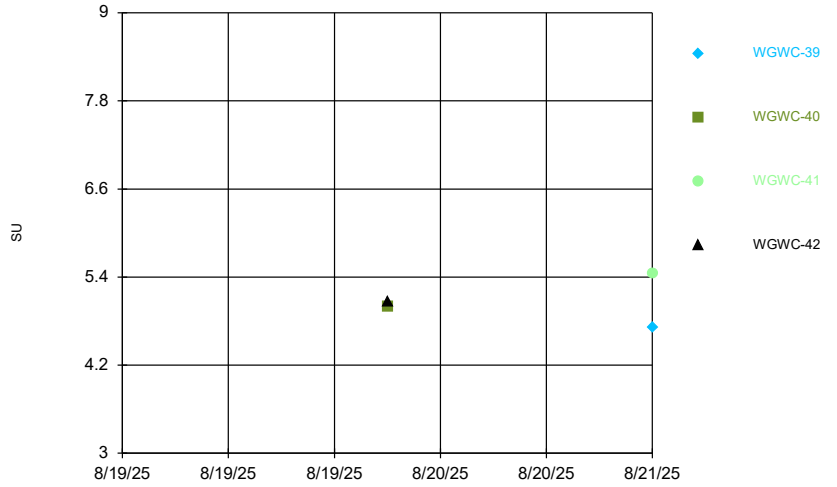


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Time Series



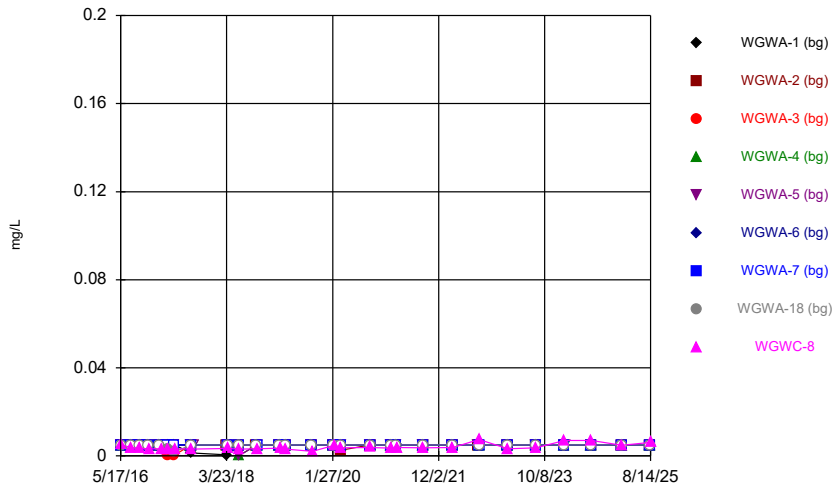
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Hollow symbols indicate censored values.

Time Series



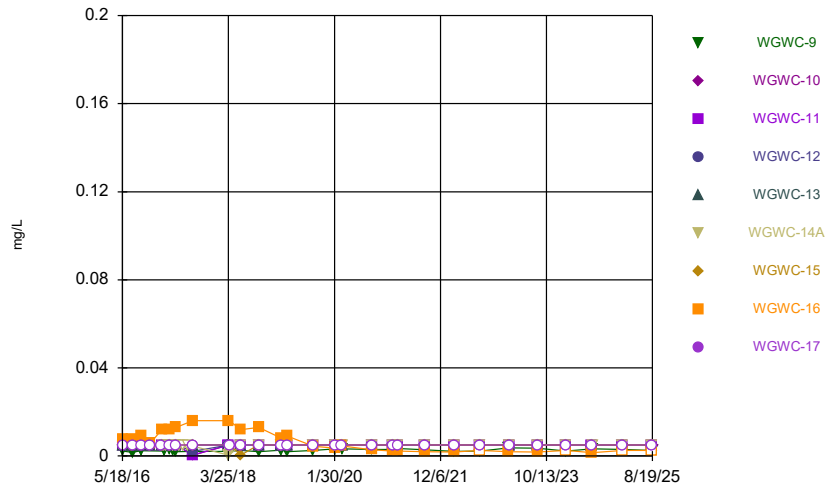
Constituent: Selenium Analysis Run 12/17/2025 1:18 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Time Series

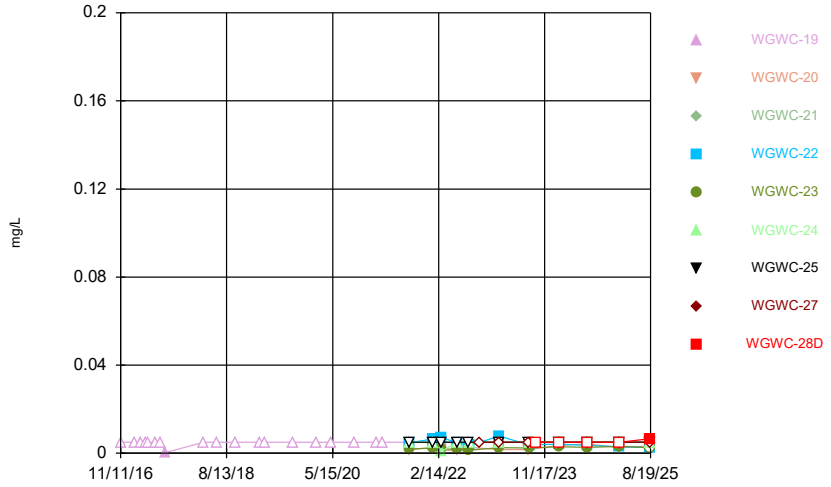


Constituent: Selenium Analysis Run 12/17/2025 1:18 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

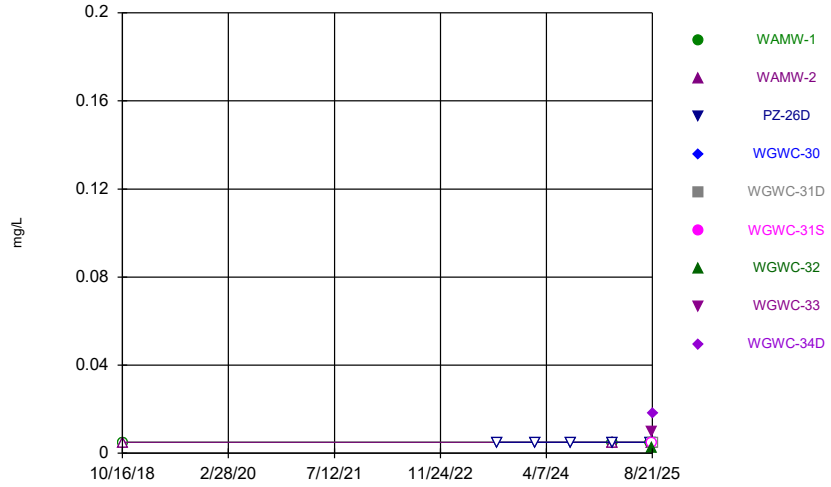
Time Series



Constituent: Selenium Analysis Run 12/17/2025 1:18 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

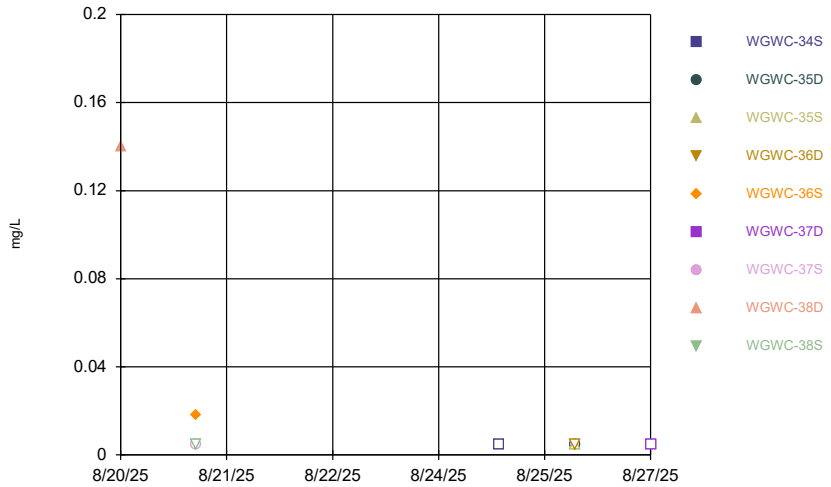
Time Series



Constituent: Selenium Analysis Run 12/17/2025 1:18 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

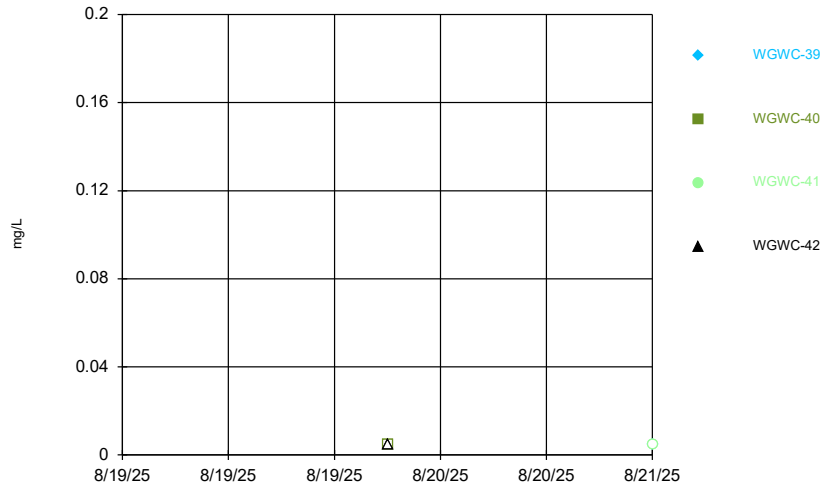
Time Series



Constituent: Selenium Analysis Run 12/17/2025 1:18 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

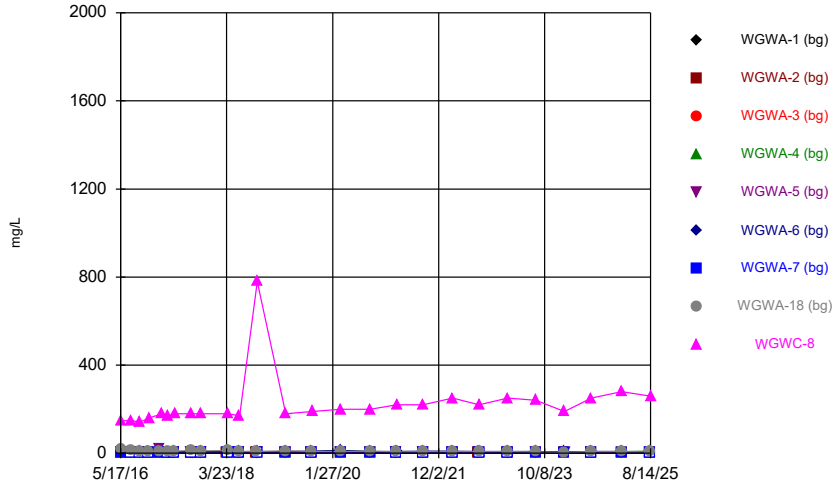
Time Series



Constituent: Selenium Analysis Run 12/17/2025 1:18 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

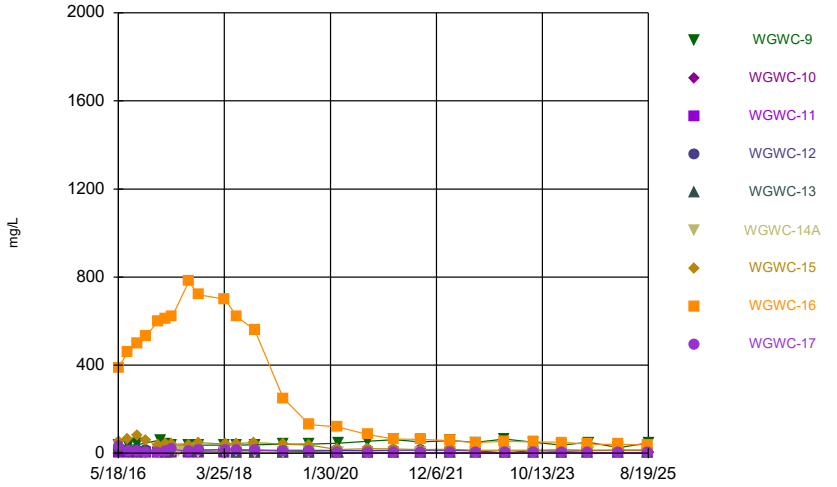
Time Series



Constituent: Sulfate Analysis Run 12/17/2025 1:18 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

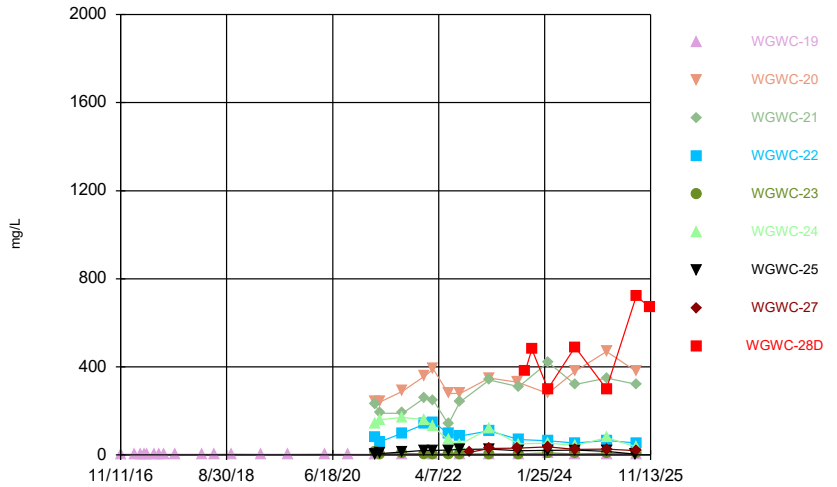
Time Series



Constituent: Sulfate Analysis Run 12/17/2025 1:18 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

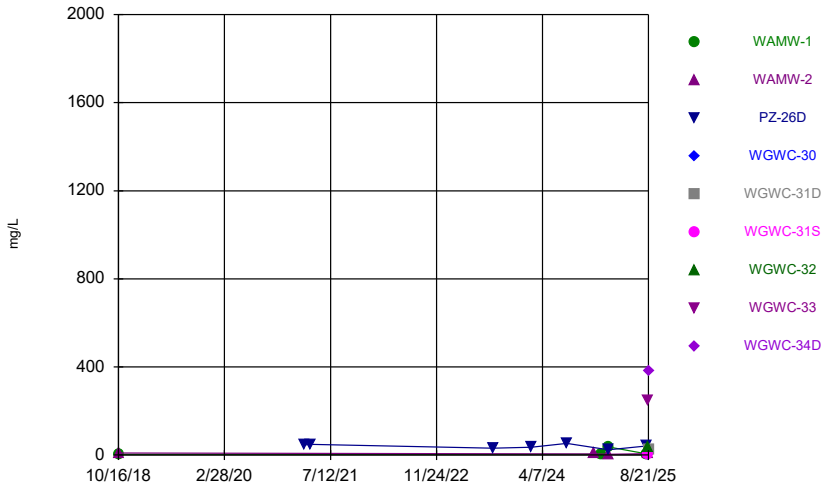
Time Series



Constituent: Sulfate Analysis Run 12/17/2025 1:18 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

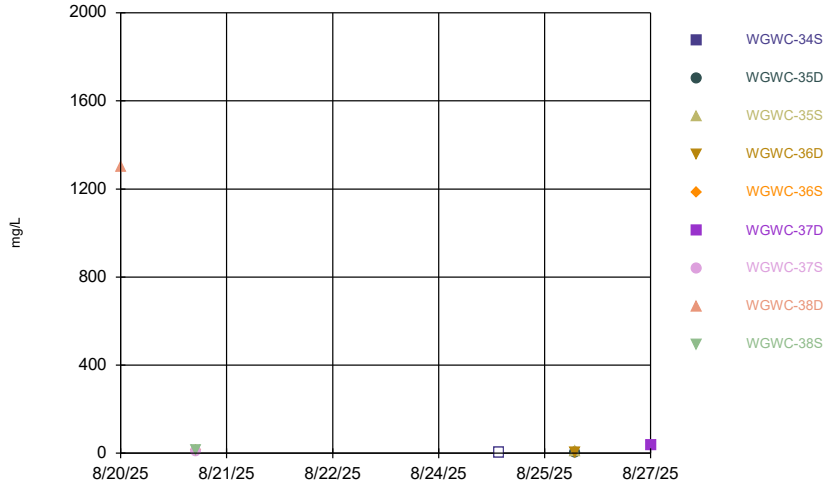
Time Series



Constituent: Sulfate Analysis Run 12/17/2025 1:18 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

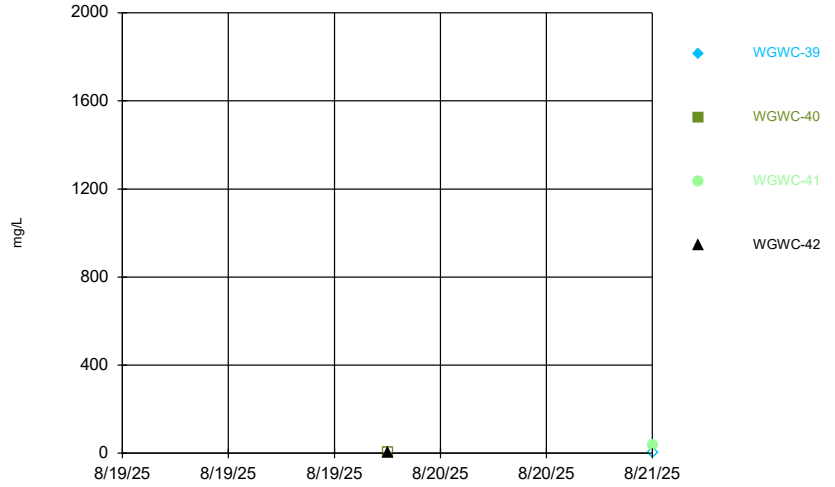
Time Series



Constituent: Sulfate Analysis Run 12/17/2025 1:18 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

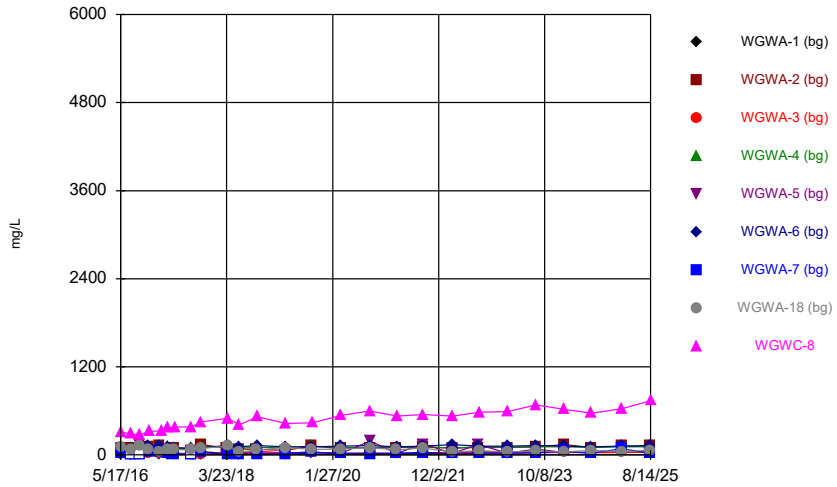
Time Series



Constituent: Sulfate Analysis Run 12/17/2025 1:18 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

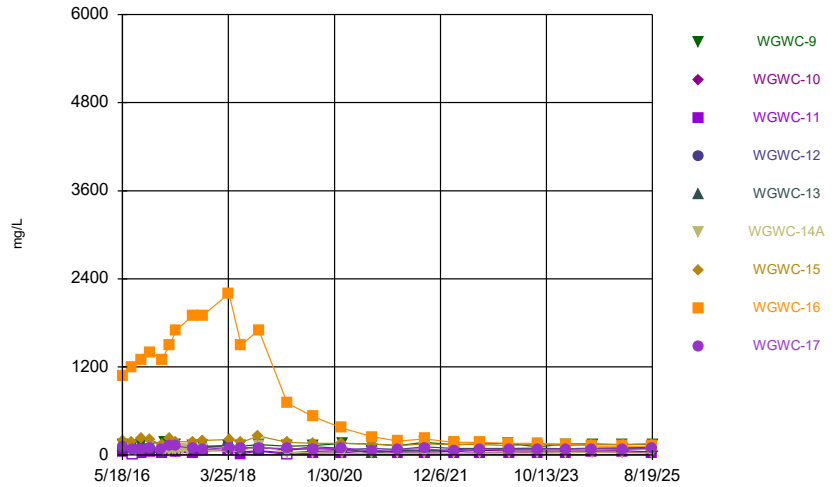
Time Series



Constituent: TDS Analysis Run 12/17/2025 1:18 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

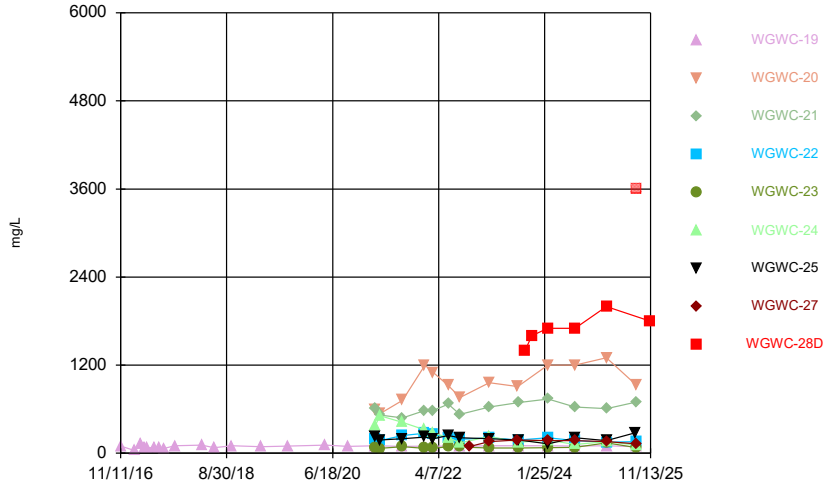
Time Series



Constituent: TDS Analysis Run 12/17/2025 1:18 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

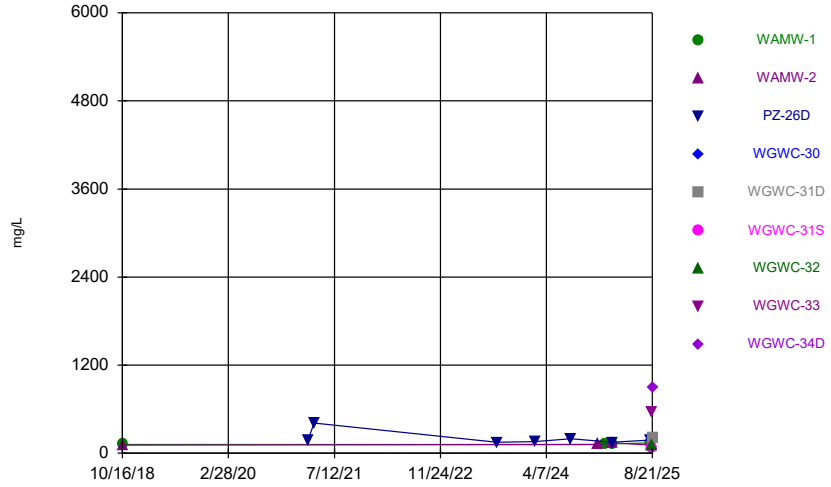
Time Series



Constituent: TDS Analysis Run 12/17/2025 1:18 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

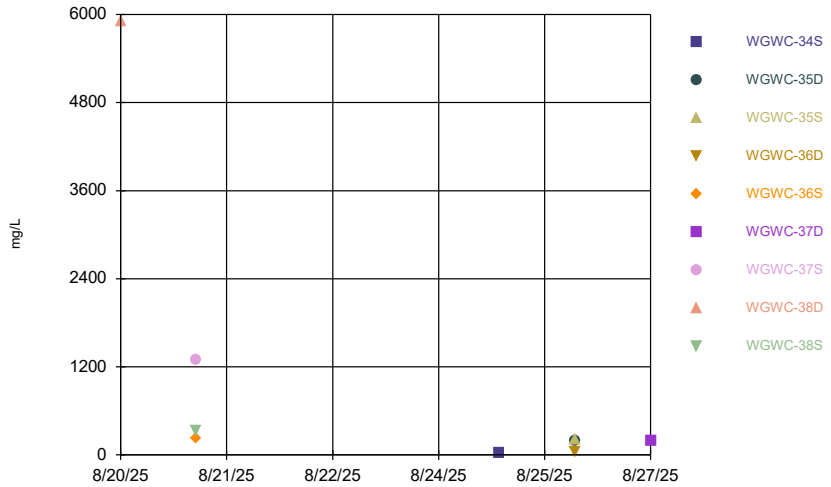
Time Series



Constituent: TDS Analysis Run 12/17/2025 1:18 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

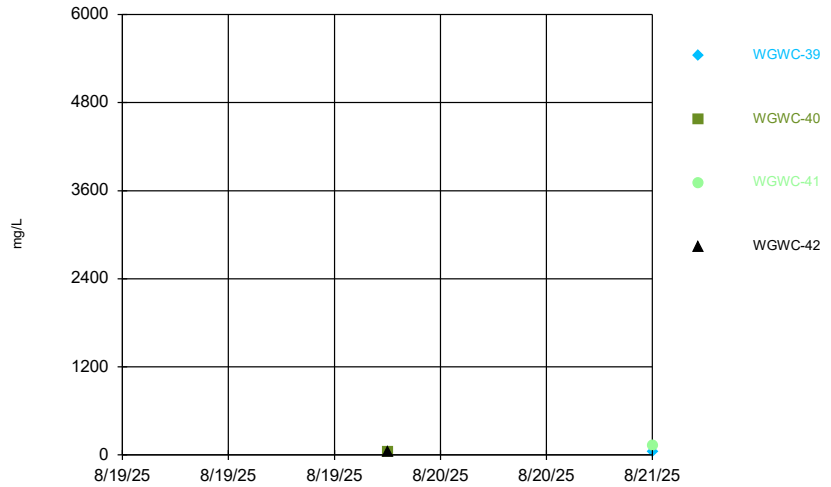
Time Series



Constituent: TDS Analysis Run 12/17/2025 1:18 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

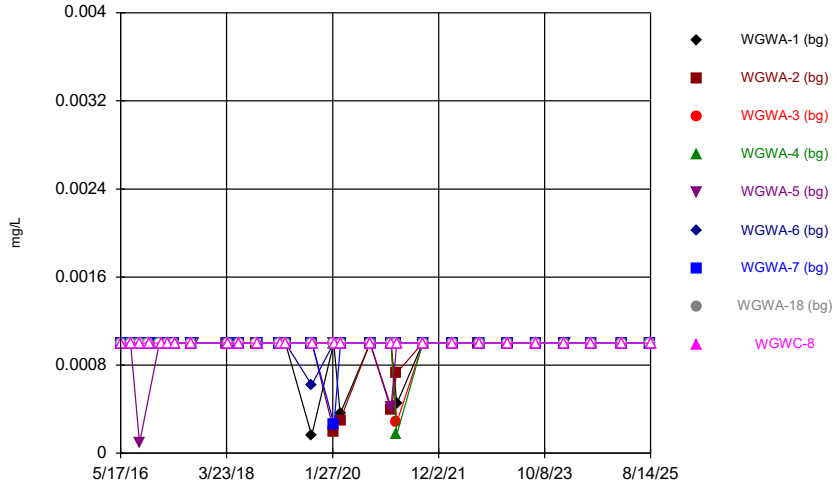
Time Series



Constituent: TDS Analysis Run 12/17/2025 1:18 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

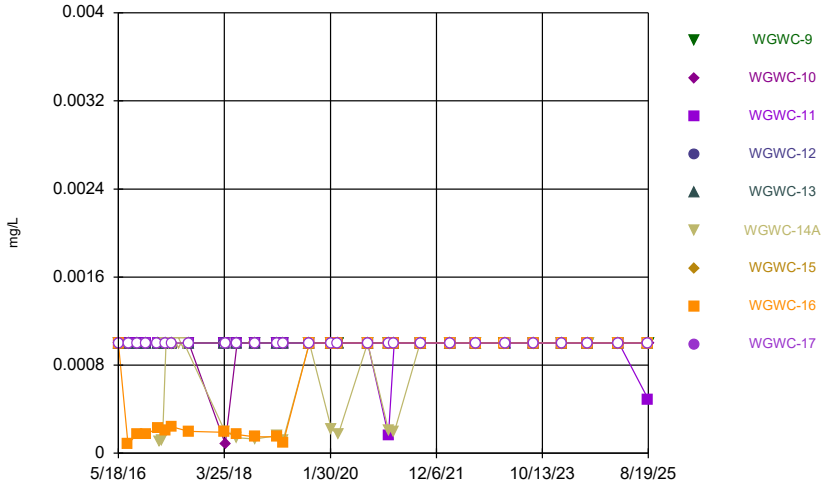
Time Series



Constituent: Thallium Analysis Run 12/17/2025 1:18 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

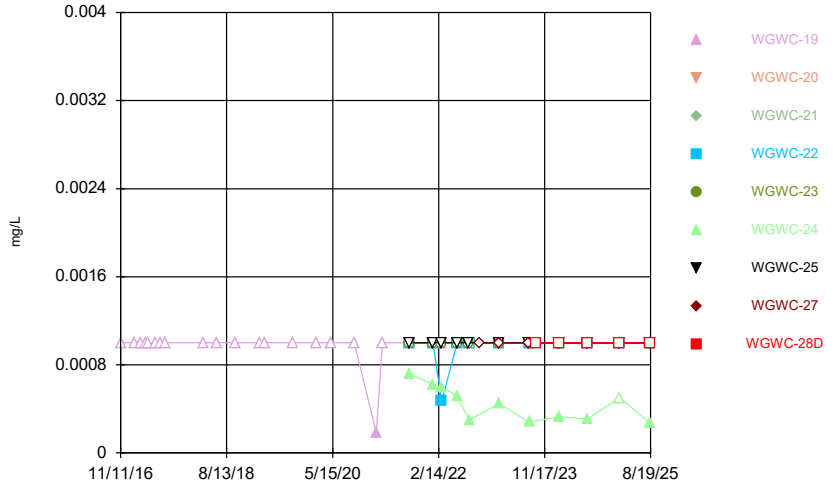
Time Series



Constituent: Thallium Analysis Run 12/17/2025 1:18 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

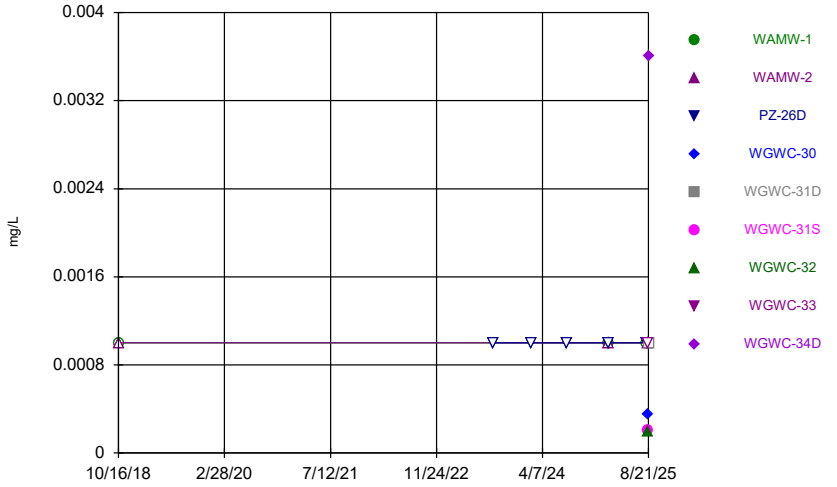
Time Series



Constituent: Thallium Analysis Run 12/17/2025 1:18 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

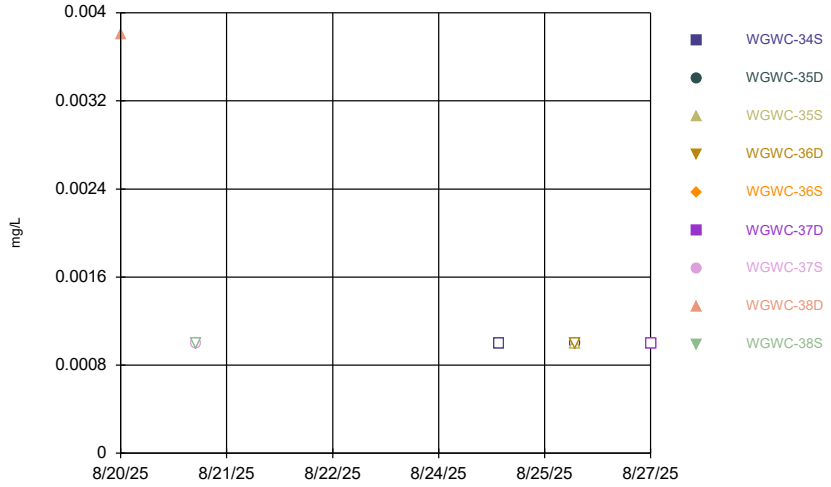
Time Series



Constituent: Thallium Analysis Run 12/17/2025 1:18 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series

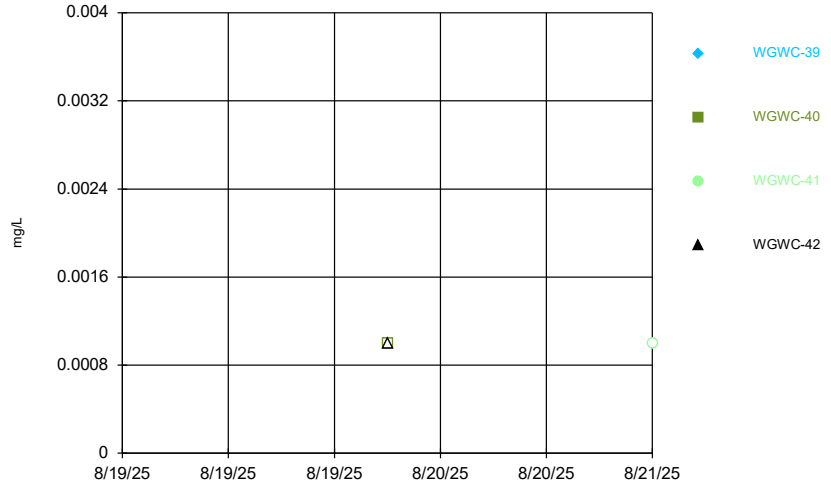


Constituent: Thallium Analysis Run 12/17/2025 1:18 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Thallium Analysis Run 12/17/2025 1:18 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

Time Series

Constituent: Antimony (mg/L) Analysis Run 12/17/2025 1:19 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-8
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									<0.002
7/19/2016	<0.005	<0.005			<0.002	<0.005	<0.005	<0.005	
7/20/2016			<0.005	<0.005					<0.002
9/13/2016	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	
9/14/2016					<0.002				
9/15/2016									<0.002
11/9/2016	<0.005	<0.005				<0.005		<0.005	
11/10/2016			<0.005	<0.005			<0.005		
11/14/2016									<0.002
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	
2/6/2017									<0.002
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									<0.002
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									<0.002
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									<0.002
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									<0.002
2/25/2019	<0.005	<0.005							
2/26/2019			<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	
2/27/2019									<0.002
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	
2/7/2020									<0.002
2/2/2021	0.00062 (J)	<0.005	<0.005	<0.005			<0.005	<0.005	
2/3/2021					<0.002	<0.005			<0.002
3/10/2021		<0.005	<0.005	<0.005	<0.002		<0.005	<0.005	
3/11/2021	<0.005					<0.005			<0.002
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									<0.002
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	<0.002
8/15/2022	<0.005	<0.005			<0.002	<0.005			
8/16/2022			<0.005	0.00051 (J)			<0.005	<0.005	0.011
2/14/2023	<0.005	<0.005	<0.005		<0.002	<0.005	<0.005	<0.005	
2/15/2023				<0.005					
2/16/2023									0.00064 (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 12/17/2025 1:19 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-8
8/15/2023			<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	0.0079
2/13/2024	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<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									0.0074
2/10/2025	<0.005	<0.005	<0.005						
2/11/2025				<0.005		<0.005	<0.005	<0.005	<0.002
8/12/2025	<0.005	<0.005	<0.005	<0.005		<0.005		<0.005	
8/13/2025							<0.005		
8/14/2025									0.0029 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
5/18/2016		<0.005					<0.005	<0.005	<0.005
5/19/2016	<0.005		<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				<0.005
9/14/2016	<0.005	<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					
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							
2/8/2017						<0.005			
2/9/2017	<0.005								
2/23/2017						<0.005			
3/14/2017							<0.005		<0.005
3/15/2017	0.0011 (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	<0.005	<0.005	<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		<0.005	<0.005	<0.005
8/10/2017	<0.005	<0.005	<0.005	0.0023 (J)					
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	<0.005			
2/7/2020							<0.005	<0.005	<0.005
2/3/2021			<0.005	<0.005					
2/4/2021	0.00041 (J)	<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
3/12/2021	<0.005		<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	0.008	<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	0.0043						<0.005	<0.005	
8/18/2022				<0.005	<0.005				
8/19/2022		<0.005				<0.005			
2/15/2023	0.00048 (J)						<0.005	<0.005	
2/16/2023		<0.005	<0.005	<0.005	<0.005	<0.005			<0.005
8/15/2023								<0.005	
8/16/2023	0.0011 (J)		<0.005	<0.005	<0.005	<0.005	<0.005		<0.005
8/17/2023		<0.005							
2/14/2024	0.0063			<0.005					
2/15/2024		<0.005			<0.005	<0.005	<0.005	<0.005	<0.005
2/16/2024			<0.005						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
7/30/2024								<0.005	
7/31/2024		<0.005	<0.005	<0.005	<0.005		<0.005		<0.005
8/1/2024	0.001 (J)								
8/2/2024						<0.005			
2/11/2025	0.0079		<0.005	<0.005					<0.005
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		<0.005	
8/15/2025				<0.005					
8/18/2025			<0.005						
8/19/2025	<0.005	<0.005							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
11/11/2016	<0.005								
2/6/2017	<0.005								
3/15/2017	<0.005								
4/11/2017	<0.005								
4/26/2017	<0.005								
6/7/2017	<0.005								
7/11/2017	<0.005								
8/10/2017	<0.005								
3/29/2018	<0.005								
2/28/2019	<0.005								
2/7/2020	<0.005								
2/3/2021	<0.005								
3/11/2021	<0.005								
8/26/2021	<0.005	<0.005	0.00076 (J)	<0.005	<0.005	<0.005	<0.005		
1/11/2022			<0.002	0.00078 (J)	0.0012 (J)	<0.005	<0.005		
1/12/2022		0.00066 (J)							
3/3/2022	<0.005		0.00053 (J)			<0.005			
3/4/2022		0.0011 (J)		0.00082 (J)	0.0018 (J)		<0.005		
6/6/2022			<0.002		0.0013 (J)	<0.005			
6/7/2022		<0.005		0.00054 (J)			<0.005		
8/16/2022			0.00055 (J)						
8/17/2022	0.00058 (J)				<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	<0.002					0.00047 (J)	
8/11/2023		0.00069 (J)						0.0015 (J)	
8/15/2023							<0.005		
8/16/2023	<0.005								
8/17/2023			<0.002	<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		<0.002		<0.005		<0.005	0.00056 (J)	
7/31/2024	<0.005	<0.005			<0.005	<0.005	<0.005		
8/1/2024			<0.002					<0.005	<0.005
8/2/2024				<0.005					
2/12/2025		<0.005		<0.005			<0.005	<0.005	<0.005
2/13/2025	<0.005		<0.002		<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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-1	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D
8/17/2023			0.00038 (J)						
2/15/2024			<0.005						
8/1/2024			<0.005						
2/12/2025	<0.005	<0.005							
2/13/2025			<0.005						
8/13/2025			<0.005						
8/14/2025	<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

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-34S	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S
8/20/2025								<0.005	
8/21/2025					<0.005		<0.005		<0.005
8/25/2025	<0.005								
8/26/2025		<0.005	<0.005	<0.005					
8/27/2025						<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-39	WGWC-40	WGWC-41	WGWC-42
8/20/2025		<0.005		<0.005
8/21/2025	<0.005		<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 12/17/2025 1:19 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-8
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					0.00055 (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)				
9/15/2016									<0.005
11/9/2016	<0.005	<0.005				<0.005		<0.005	
11/10/2016			<0.005	0.00078 (J)			<0.005		
11/14/2016									<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)	
2/6/2017									<0.005
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									<0.005
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									0.0015
2/25/2019	<0.005	<0.005							
2/26/2019			<0.005	0.00033 (J)	<0.001	<0.005	<0.005	0.00054 (J)	
2/27/2019									0.00047 (J)
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									0.00032 (J)
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)	
2/7/2020									0.0011
3/16/2020	0.00038 (J)	0.00043 (J)							
3/17/2020			<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 12/17/2025 1:19 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-8
3/19/2020									0.00071 (J)
9/21/2020		<0.005	<0.005	<0.005					
9/22/2020	<0.005				<0.001	<0.005	<0.005	<0.005	0.0011
2/2/2021	<0.005	<0.005	<0.005	<0.005			<0.005	<0.005	
2/3/2021					<0.001	<0.005			0.0013
3/10/2021		0.00063 (J)	<0.005	0.00036 (J)	<0.001		<0.005	<0.005	
3/11/2021	<0.005					<0.005			0.0009 (J)
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									0.0013
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	0.0014
8/15/2022	<0.005	<0.005			<0.001	<0.005			
8/16/2022			<0.005	<0.005			<0.005	<0.005	0.00097 (J)
2/14/2023	<0.005	<0.005	<0.005		<0.001	<0.005	<0.005	<0.005	
2/15/2023				<0.005					
2/16/2023									<0.005
8/14/2023	<0.005	<0.005							
8/15/2023			<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	0.00087 (J)
2/13/2024	<0.005	<0.005	<0.005	<0.005		0.00098 (J)	0.00097 (J)	0.00093 (J)	0.0017
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									0.0016
2/10/2025	<0.005	<0.005	<0.005						
2/11/2025				<0.005		<0.005	<0.005	<0.005	0.0012
8/12/2025	<0.005	<0.005	<0.005	<0.005		<0.005		<0.005	
8/13/2025							<0.005		
8/14/2025									<0.005

Time Series

Constituent: Arsenic (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
5/18/2016		<0.005					0.00345 (J)	<0.005	<0.005
5/19/2016	<0.005		<0.005	<0.005	<0.005				
7/19/2016							0.0031	0.0009 (J)	
7/20/2016	0.00078 (J)	<0.005	<0.005	<0.005	<0.005				0.00058 (J)
9/14/2016	<0.005	<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					
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							
2/8/2017						<0.005			
2/9/2017	0.0017								
2/23/2017						<0.005			
3/14/2017							0.0016		<0.005
3/15/2017	0.00047 (J)	<0.005	<0.005	<0.005	<0.005			0.0014	
3/17/2017						0.0006 (J)			
4/11/2017	<0.005					0.0032			
4/25/2017							0.0019	0.0014	0.00095 (J)
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		0.0017	0.0013	<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		0.0014	
3/30/2018		<0.005					0.0018		<0.005
6/14/2018	<0.005	0.0005 (J)	<0.005	0.00052 (J)	0.00093 (J)	<0.005	0.002	<0.005	0.00076 (J)
10/3/2018							0.0024		
10/4/2018	<0.005	0.00089 (J)	0.00054 (J)	<0.005	0.0015	0.0017		0.0013	0.00088 (J)
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								
4/3/2019	<0.005		<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
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			
2/7/2020							0.001	<0.005	0.00075 (J)
3/18/2020		<0.005	<0.005	<0.005			0.00088 (J)	<0.005	0.00054 (J)
3/19/2020	<0.005				0.00039 (J)	<0.005			
9/23/2020	<0.005	<0.005		<0.005			0.00061 (J)	<0.005	0.00067 (J)
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	0.00069 (J)	<0.005	0.00035 (J)
3/11/2021		0.00031 (J)			0.00035 (J)	<0.005		<0.005	<0.005
3/12/2021	<0.005		<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	<0.005					0.0012		
3/3/2022	<0.005	<0.005	<0.005		<0.005	<0.005	0.00057 (J)	<0.005	
3/4/2022				0.00037 (J)					<0.005
8/16/2022			<0.005						<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
8/17/2022	<0.005						0.00052 (J)	<0.005	
8/18/2022				<0.005	0.00034 (J)				
8/19/2022		<0.005				<0.005			
2/15/2023	<0.005						<0.005	<0.005	
2/16/2023		<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			0.001					
2/15/2024		<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
8/1/2024	<0.005								
8/2/2024						<0.005			
2/11/2025	<0.005		<0.005	<0.005					<0.005
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		<0.005	
8/15/2025				<0.005					
8/18/2025			<0.005						
8/19/2025	<0.005	<0.005							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
11/11/2016	<0.005								
2/6/2017	<0.005								
3/15/2017	<0.005								
4/11/2017	<0.005								
4/26/2017	<0.005								
6/7/2017	<0.005								
7/11/2017	<0.005								
8/10/2017	<0.005								
3/29/2018	<0.005								
6/14/2018	<0.005								
10/4/2018	<0.005								
2/28/2019	<0.005								
4/2/2019	<0.005								
9/18/2019	<0.005								
2/7/2020	<0.005								
5/4/2020	<0.005								
9/23/2020	<0.005								
2/3/2021	<0.005								
3/11/2021	<0.005								
8/26/2021	<0.005	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	<0.005		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		<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					<0.005	
8/11/2023		<0.005						<0.005	
8/15/2023							<0.005		
8/16/2023	<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		<0.005		0.00096 (J)	<0.005	
7/31/2024	<0.005	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	<0.001
2/13/2025	<0.005		<0.005		<0.005	<0.005			
8/13/2025							<0.005		
8/14/2025	<0.005	<0.005							0.0016 (J)
8/18/2025				<0.005		<0.005		<0.005	
8/19/2025			<0.005		<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-1	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D
10/16/2018		0.00066 (J)							
10/18/2018	0.00052 (J)								
8/17/2023			<0.005						
2/15/2024			<0.005						
8/1/2024			<0.005						
2/12/2025	<0.005	<0.005							
2/13/2025			<0.005						
8/13/2025			<0.005						
8/14/2025	<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)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-34S	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S
8/20/2025								0.03	
8/21/2025					0.0031 (J)		<0.005		0.0013 (J)
8/25/2025	<0.005								
8/26/2025		<0.005	<0.005	<0.005					
8/27/2025						<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-39	WGWC-40	WGWC-41	WGWC-42
8/20/2025		<0.005		<0.005
8/21/2025	<0.005		<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 12/17/2025 1:19 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-8
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									0.0026 (J)
7/19/2016	0.038	0.022			0.015	0.0049	0.012	0.018	
7/20/2016			0.012	0.0051					0.0017 (J)
9/13/2016	0.029	0.021	0.013	0.0058		0.006	0.011	0.021	
9/14/2016					0.062				
9/15/2016									0.0039
11/9/2016	0.041	0.025				0.0066		0.011	
11/10/2016			0.013	0.0063			0.016		
11/14/2016									0.00085 (J)
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	
2/6/2017									0.0011 (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									0.0013 (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									0.00098 (J)
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									0.0025
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									0.00085 (J)
6/13/2018	0.045				0.016	0.0067		0.013	
6/14/2018		0.02	0.013	0.0057			0.012		0.0028
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									0.0017 (J)
2/25/2019	0.049	0.027							
2/26/2019			0.014	0.012	0.02	0.011	0.013	0.015	
2/27/2019									<0.01
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									0.001 (J)
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									<0.01
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	
2/7/2020									<0.01
3/16/2020	0.046	0.026							
3/17/2020			0.013	0.0059 (J)	0.017	0.0081 (J)	0.012	0.013	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 12/17/2025 1:19 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-8
3/19/2020									<0.01
9/21/2020		0.024	0.015	0.006 (J)					
9/22/2020	0.048				0.032	0.0079 (J)	0.013	0.015	<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)			<0.01
3/10/2021		0.024	0.014	0.0057 (J)	0.016		0.011	0.016	
3/11/2021	0.046					0.0077 (J)			<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	0.0014 (J)
2/14/2023	0.05	0.022	0.015		0.018	0.0078 (J)	0.011	0.013	
2/15/2023				0.0058 (J)					
2/16/2023									0.00093 (J)
8/14/2023	0.05	0.025							
8/15/2023			0.014	0.0055 (J)	0.016	0.0072 (J)	0.013	0.016	0.0019 (J)
2/13/2024	0.047	0.025	0.014	0.0062 (J)		0.0076 (J)	0.0099 (J)	0.013	0.0014 (J)
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									0.0021 (J)
2/10/2025	0.049	0.023	0.014						
2/11/2025				0.0086 (J)		0.0091 (J)	0.011	0.014	0.0015 (J)
8/12/2025	0.046	0.025	0.014	0.0057 (J)		0.0072 (J)		0.012	
8/13/2025							0.012		
8/14/2025									0.0021 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
5/18/2016		0.0391					0.0206	0.0715	0.0219
5/19/2016	<0.01		0.031	0.0214	0.055				
7/19/2016							0.019	0.069	
7/20/2016	0.0014 (J)	0.028	0.029	0.019	0.039				0.019
9/14/2016	0.00092 (J)	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					
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							
2/8/2017						0.037			
2/9/2017	0.0015 (J)								
2/23/2017						0.051			
3/14/2017							0.018		0.019
3/15/2017	0.00054 (J)	0.04	0.032	0.024	0.058			0.065	
3/17/2017						0.046			
4/11/2017	0.0007 (J)					0.055			
4/25/2017							0.018	0.057	0.023
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		0.02	0.069	0.017
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		0.05	
3/30/2018		0.042					0.021		0.015
6/14/2018	0.00088 (J)	0.038	0.03	0.015	0.055	0.023	0.022	0.046	0.013
10/3/2018							0.024		
10/4/2018	0.00076 (J)	0.04	0.035	0.017	0.046	0.036		0.046	0.013
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	0.0023 (J)								
4/3/2019	<0.01		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
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			
2/7/2020							0.022	0.034	0.011
3/18/2020		0.035	0.038	0.016			0.021	0.034	0.012
3/19/2020	0.0021 (J)				0.072	0.031			
9/23/2020	<0.01	0.035		0.016			0.027	0.037	0.012
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	0.028	0.039	0.012
3/11/2021		0.033			0.049	0.032		0.037	0.011
3/12/2021	<0.01		0.045	0.017			0.028		
8/25/2021			0.04	0.016	0.046	0.03		0.035	0.011
8/26/2021	<0.01	0.032					0.029		
3/3/2022	<0.01	0.033	0.04		0.045	0.029	0.029	0.041	
3/4/2022				0.016					0.011
8/16/2022			0.038						0.011

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
8/17/2022	<0.01						0.027	0.032	
8/18/2022				0.014	0.041				
8/19/2022		0.03				0.026			
2/15/2023	<0.01						0.029	0.044	
2/16/2023		0.032	0.041	0.014	0.037	0.028			0.01
8/15/2023								0.039	
8/16/2023	<0.01		0.044	0.017	0.042	0.026	0.03		0.012
8/17/2023		0.036							
2/14/2024	<0.01			0.017					
2/15/2024		0.034			0.037	0.027	0.031	0.045	0.011
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
8/1/2024	<0.01								
8/2/2024						0.027			
2/11/2025	0.0018 (J)		0.053	0.018					0.012
2/12/2025					0.04	0.027		0.04	
2/13/2025		0.032					0.033		
8/13/2025							0.033		0.011
8/14/2025					0.041	0.027		0.039	
8/15/2025				0.018					
8/18/2025			0.05						
8/19/2025	0.00049 (J)	0.032							

Time Series

Constituent: Barium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
11/11/2016	0.0022 (J)								
2/6/2017	0.0018 (J)								
3/15/2017	0.0015 (J)								
4/11/2017	0.0014 (J)								
4/26/2017	0.0014 (J)								
6/7/2017	0.0014 (J)								
7/11/2017	0.0013 (J)								
8/10/2017	0.0012 (J)								
3/29/2018	0.00097 (J)								
6/14/2018	0.0011 (J)								
10/4/2018	0.0012 (J)								
2/28/2019	<0.01								
4/2/2019	0.0013 (J)								
9/18/2019	<0.01								
2/7/2020	0.0065 (J)								
5/4/2020	<0.01								
9/23/2020	<0.01								
2/3/2021	<0.01								
3/11/2021	<0.01								
8/26/2021	<0.01	<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	<0.01		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	0.0012 (J)				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	0.00096 (J)	<0.01	0.0053 (J)					0.0049 (J)	
8/11/2023		<0.01						0.0047 (J)	
8/15/2023							0.19		
8/16/2023	0.0014 (J)								
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	0.0012 (J)		0.0064 (J)		0.005 (J)		0.14	0.004 (J)	
7/31/2024	0.001 (J)	<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
2/13/2025	0.0077 (J)		0.0038 (J)		0.015	0.051			
8/13/2025							0.25		
8/14/2025	0.0015 (J)	0.00049 (J)							0.012
8/18/2025				0.018		0.042		0.0025 (J)	
8/19/2025			0.0033 (J)		0.0067 (J)				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-1	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D
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)							
8/20/2025				0.024		0.014	0.05	0.015	
8/21/2025					0.005 (J)				0.065

Time Series

Constituent: Barium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-34S	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S
8/20/2025								0.043	
8/21/2025					0.057		<0.01		0.11
8/25/2025	0.021								
8/26/2025		0.2	0.035	0.026					
8/27/2025						0.12			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-39	WGWC-40	WGWC-41	WGWC-42
8/20/2025		0.17		0.016
8/21/2025	0.059		0.0019 (J)	

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/17/2025 1:19 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-8
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									0.00102 (J)
7/19/2016	<0.001	<0.001			<0.0025	<0.001	<0.001	<0.001	
7/20/2016			<0.001	<0.001					0.0014 (J)
9/13/2016	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	
9/14/2016					<0.0025				
9/15/2016									0.00093 (J)
11/9/2016	<0.001	<0.001				<0.001		<0.001	
11/10/2016			<0.001	<0.001			<0.001		
11/14/2016									0.0014 (J)
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	
2/6/2017									0.0017 (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									0.0016 (J)
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									0.0017 (J)
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									0.0017 (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									0.0018 (J)
6/13/2018	<0.001				<0.0025	<0.001		<0.001	
6/14/2018		<0.001	<0.001	<0.001			<0.001		0.0015 (J)
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									0.0019 (J)
2/25/2019	<0.001	<0.001							
2/26/2019			<0.001	<0.001	<0.0025	<0.001	<0.001	<0.001	
2/27/2019									0.0021 (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									0.0019 (J)
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									0.0019
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	
2/7/2020									0.0023
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	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/17/2025 1:19 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-8
3/19/2020									0.0028
9/21/2020		<0.001	<0.001	<0.001					
9/22/2020	<0.001				<0.0025	<0.001	<0.001	<0.001	0.0025
2/2/2021	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	
2/3/2021					<0.0025	<0.001			0.0025
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			0.0022 (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									0.002 (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	0.0027
8/15/2022	<0.001	<0.001			<0.0025	<0.001			
8/16/2022			<0.001	<0.001			<0.001	<0.001	0.0018 (J)
2/14/2023	<0.001	<0.001	<0.001		<0.0025	<0.001	<0.001	<0.001	
2/15/2023				<0.001					
2/16/2023									0.0025
8/14/2023	<0.001	<0.001							
8/15/2023			<0.001	<0.001	<0.0025	<0.001	<0.001	<0.001	0.0024 (J)
2/13/2024	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	0.0027
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									0.0023 (J)
2/10/2025	<0.001	<0.001	<0.001						
2/11/2025				<0.001		<0.001	<0.001	<0.001	0.0027
8/12/2025	<0.001	<0.001	<0.001	<0.001		<0.001		<0.001	
8/13/2025							<0.001		
8/14/2025									0.0019

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
5/18/2016		<0.001					<0.001	<0.001	<0.001
5/19/2016	<0.0025		<0.001	<0.001	<0.001				
7/19/2016							<0.001	<0.001	
7/20/2016	<0.0025	<0.001	<0.001	<0.001	<0.001				<0.001
9/14/2016	<0.0025	<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					
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							
2/8/2017						<0.001			
2/9/2017	0.00041 (J)								
2/23/2017						<0.001			
3/14/2017							<0.001		<0.001
3/15/2017	<0.0025	<0.001	<0.001	<0.001	<0.001			<0.001	
3/17/2017						<0.001			
4/11/2017	<0.0025					<0.001			
4/25/2017							<0.001	<0.001	<0.001
4/26/2017	<0.0025	<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		<0.001	<0.001	<0.001
8/10/2017	0.00034 (J)	<0.001	<0.001	<0.001					
3/29/2018	<0.0025		<0.001	<0.001	<0.001	<0.001		<0.001	
3/30/2018		<0.001					<0.001		<0.001
6/14/2018	<0.0025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10/3/2018							<0.001		
10/4/2018	0.00036 (J)	<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	0.00031 (J)								
4/3/2019	<0.0025		<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
9/19/2019	0.00041 (J)	<0.001	<0.001	<0.001					
2/5/2020	0.0004 (J)	<0.001	<0.001	<0.001	<0.001	0.00024 (J)			
2/7/2020							<0.001	<0.001	<0.001
3/18/2020		<0.001	<0.001	<0.001			<0.001	<0.001	<0.001
3/19/2020	0.00056 (J)				<0.001	0.00025 (J)			
9/23/2020	0.00034 (J)	<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					
2/4/2021	0.00039 (J)	<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
3/12/2021	0.00034 (J)		<0.001	<0.001			<0.001		
8/25/2021			<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
8/26/2021	0.00038 (J)	<0.001					<0.001		
3/3/2022	0.00036 (J)	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	
3/4/2022				<0.001					<0.001
8/16/2022			<0.001						<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
8/17/2022	0.00033 (J)						<0.001	<0.001	
8/18/2022				<0.001	<0.001				
8/19/2022		<0.001				<0.001			
2/15/2023	0.00044 (J)						<0.001	<0.001	
2/16/2023		<0.001	<0.001	<0.001	<0.001	0.00031 (J)			<0.001
8/15/2023								<0.001	
8/16/2023	0.0004 (J)		<0.001	<0.001	<0.001	0.00023 (J)	<0.001		<0.001
8/17/2023		<0.001							
2/14/2024	0.00037 (J)			<0.001					
2/15/2024		<0.001			<0.001	0.00026 (J)	<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
8/1/2024	0.0004 (J)								
8/2/2024						0.00025 (J)			
2/11/2025	0.00035 (J)		<0.001	<0.001					<0.001
2/12/2025					<0.001	0.00027 (J)		<0.001	
2/13/2025		<0.001					<0.001		
8/13/2025							<0.001		<0.001
8/14/2025					<0.001	<0.001		<0.001	
8/15/2025				<0.001					
8/18/2025			<0.001						
8/19/2025	0.00037 (J)	<0.001							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
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								
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	<0.001								
3/11/2021	<0.001								
8/26/2021	<0.001	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	<0.001		<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	<0.001				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	<0.001	0.011	<0.0025					0.00046 (J)	
8/11/2023		0.0099						0.00052 (J)	
8/15/2023							<0.001		
8/16/2023	<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	<0.001		0.00021 (J)		0.0013 (J)		<0.001	0.0012 (J)	
7/31/2024	<0.001	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)
2/13/2025	<0.001		0.00033 (J)		0.0016 (J)	0.0055			
8/13/2025							<0.001		
8/14/2025	<0.001	0.0089							0.0015
8/18/2025				0.00065 (J)		0.0017		0.001	
8/19/2025			0.00041 (J)		0.001				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-1	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D
10/16/2018		<0.001							
10/18/2018	<0.001								
8/17/2023			<0.001						
2/15/2024			<0.001						
8/1/2024			<0.001						
2/12/2025	<0.001	<0.001							
2/13/2025			<0.001						
8/13/2025			<0.001						
8/14/2025	<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

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-34S	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S
8/20/2025								0.00024 (J)	
8/21/2025					0.0022		<0.001		<0.001
8/25/2025	<0.001								
8/26/2025		0.00024 (J)	<0.001	<0.001					
8/27/2025						<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-39	WGWC-40	WGWC-41	WGWC-42
8/20/2025		0.00017 (J)		0.00042 (J)
8/21/2025	0.00034 (J)		0.00074 (J)	

Time Series

Constituent: Boron (mg/L) Analysis Run 12/17/2025 1:19 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-8
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									1.42
7/19/2016	<0.08	<0.08			<0.08	<0.08	<0.08	<0.08	
7/20/2016			<0.08	<0.08					1.4
9/13/2016	<0.08	<0.08	<0.08	<0.08		<0.08	<0.08	<0.08	
9/14/2016					<0.08				
9/15/2016									1.2
11/9/2016	<0.08	<0.08				<0.08		<0.08	
11/10/2016			<0.08	<0.08			<0.08		
11/14/2016									1.3
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	
2/6/2017									1.8
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									1.7
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									2
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									1.8
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									1.8
6/13/2018	<0.08				<0.08	<0.08		<0.08	
6/14/2018		<0.08	<0.08	<0.08			<0.08		1.7
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									1.9
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									1.7
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									1.7
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									2.2
9/21/2020		<0.08	<0.08	<0.08					
9/22/2020	<0.08				<0.08	<0.08	<0.08	<0.08	2.5
3/10/2021		0.039 (J)	<0.08	<0.08	<0.08		<0.08	<0.08	
3/11/2021	<0.08					<0.08			2.4
8/23/2021		<0.08							
8/24/2021	<0.08			<0.08	<0.08	<0.08	<0.08		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 12/17/2025 1:19 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-8
8/25/2021			<0.08					0.1	
8/26/2021									2.4
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	2.7
8/15/2022	<0.08	0.066 (J)			<0.08	<0.08			
8/16/2022			<0.08	<0.08			<0.08	<0.08	2.3
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					
2/16/2023									2.8
8/14/2023	<0.08	<0.08							
8/15/2023			<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	2.8
2/13/2024	<0.08	<0.08	<0.08	<0.08		<0.08	<0.08	<0.08	3
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									2.8
2/10/2025	<0.08	<0.08	<0.08						
2/11/2025				<0.08		<0.08	<0.08	<0.08	3.6
8/12/2025	<0.08	<0.08	<0.08	<0.08		<0.08		<0.08	
8/13/2025							<0.08		
8/14/2025									3.1

Time Series

Constituent: Boron (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
5/18/2016		<0.08					<0.08	4.48	<0.08
5/19/2016	0.314		<0.08	<0.08	0.0252 (J)				
7/19/2016							<0.08	4.7	
7/20/2016	0.25	<0.08	<0.08	<0.08	<0.08				<0.08
9/14/2016	0.3	<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					
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							
2/8/2017						<0.08			
2/9/2017	0.61								
2/23/2017						<0.08			
3/14/2017							<0.08		<0.08
3/15/2017	0.42	0.032 (J)	0.058	0.024 (J)	<0.08			5.9	
3/17/2017						<0.08			
4/11/2017	0.37					<0.08			
4/25/2017							<0.08	6.2	<0.08
4/26/2017	0.38	<0.08	<0.08	<0.08	<0.08	<0.08			
5/17/2017						<0.08			
6/7/2017						<0.08			
7/11/2017						<0.08			
8/9/2017					<0.08		<0.08	6.3	<0.08
8/10/2017	0.29	<0.08	<0.08	<0.08					
10/11/2017						<0.08	<0.08	6.8	<0.08
10/12/2017	0.36	<0.08	<0.08	<0.08	<0.08				
6/14/2018	0.39	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	5.4	<0.08
10/3/2018							<0.08		
10/4/2018	0.37	<0.08	<0.08	<0.08	<0.08	<0.08		5.5	<0.08
4/3/2019	0.35		<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
9/19/2019	0.39	<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	0.55				0.053 (J)	0.039 (J)			
9/23/2020	0.68	<0.08		<0.08			<0.08	1.5	<0.08
9/24/2020			<0.08		<0.08	<0.08			
3/11/2021		<0.08			<0.08	<0.08		1.1	<0.08
3/12/2021	0.64		<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	0.56	<0.08					<0.08		
3/3/2022	0.62	<0.08	<0.08		<0.08	<0.08	<0.08	0.79	
3/4/2022				<0.08					<0.08
8/16/2022			<0.08						<0.08
8/17/2022	0.55						<0.08	0.73	
8/18/2022				<0.08	<0.08				
8/19/2022		<0.08				<0.08			
2/15/2023	0.69						<0.08	0.86	
2/16/2023		0.04 (J)	<0.08	0.024 (J)	0.033 (J)	0.03 (J)			<0.08
8/15/2023								0.81	
8/16/2023	0.6		<0.08	<0.08	<0.08	<0.08	<0.08		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
8/17/2023		0.031 (J)							
2/14/2024	0.56			<0.08					
2/15/2024		<0.08			<0.08	<0.08	<0.08	0.74	0.027 (J)
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)
8/1/2024	0.61								
8/2/2024						<0.08			
2/11/2025	0.58		<0.08	<0.08					<0.08
2/12/2025					<0.08	0.027 (J)		0.56	
2/13/2025		<0.08					<0.08		
8/13/2025							<0.08		<0.08
8/14/2025					<0.08	<0.08		0.56	
8/15/2025				<0.08					
8/18/2025			<0.08						
8/19/2025	0.55	<0.08							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
11/11/2016	<0.08								
2/6/2017	<0.08								
3/15/2017	0.034 (J)								
4/11/2017	<0.08								
4/26/2017	<0.08								
6/7/2017	<0.08								
7/11/2017	<0.08								
8/10/2017	<0.08								
10/12/2017	<0.08								
6/14/2018	<0.08								
10/4/2018	<0.08								
4/2/2019	<0.08								
9/18/2019	<0.08								
5/4/2020	<0.08								
9/23/2020	<0.08								
3/8/2021		1.3					0.48		
3/9/2021			0.19	0.33	0.073 (J)	1.8			
3/11/2021	<0.08								
4/7/2021			0.13		<0.08	1.9			
4/8/2021		0.98		0.21			0.43		
8/26/2021	<0.08	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	<0.08		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				<0.08		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	<0.08	3.5	0.14					0.22	
8/11/2023		3.1						0.35	
8/15/2023							0.57		
8/16/2023	<0.08								
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	<0.08		0.14		<0.08		0.29	0.26	
7/31/2024	<0.08	5.7			0.076 (J)	0.54	0.76		
8/1/2024			0.11					0.22	8.5
8/2/2024				0.31					
2/12/2025		7.4		0.32			0.36	0.19	9.9
2/13/2025	<0.08		0.12		0.024 (J)	0.94			
8/13/2025							0.74		
8/14/2025	<0.08	4							15
8/18/2025				0.29		0.42		0.16	
8/19/2025			0.1		<0.08				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
11/13/2025									1.6 (R)

Time Series

Constituent: Boron (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-1	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D
10/16/2018		<0.08							
10/18/2018	<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							
1/8/2025	<0.08								
2/12/2025	0.58	<0.08							
2/13/2025			0.078 (J)						
8/13/2025			0.074 (J)						
8/14/2025	<0.08								
8/19/2025		<0.08							
8/20/2025				<0.08		<0.08	0.21	0.95	
8/21/2025					<0.08				7.1

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-34S	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S
8/20/2025								45	
8/21/2025					<0.08		2.6		0.031 (J)
8/25/2025	<0.08								
8/26/2025		<0.08	<0.08	<0.08					
8/27/2025						0.078 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-39	WGWC-40	WGWC-41	WGWC-42
8/20/2025		<0.08		<0.08
8/21/2025	<0.08		0.06 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/17/2025 1:19 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-8
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									<0.0025
7/19/2016	<0.0007	<0.0007			<0.0025	<0.0007	<0.0007	<0.0007	
7/20/2016			<0.0007	<0.0007					<0.0025
9/13/2016	<0.0007	<0.0007	<0.0007	<0.0007		<0.0007	<0.0007	<0.0007	
9/14/2016					<0.0025				
9/15/2016									<0.0025
11/9/2016	<0.0007	<0.0007				<0.0007		<0.0007	
11/10/2016			<0.0007	<0.0007			<0.0007		
11/14/2016									<0.0025
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	
2/6/2017									<0.0025
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									<0.0025
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									<0.0025
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									<0.0025
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									<0.0025
6/13/2018	<0.0007				<0.0025	<0.0007		<0.0007	
6/14/2018		<0.0007	<0.0007	<0.0007			<0.0007		<0.0025
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									<0.0025
2/25/2019	<0.0007	<0.0007							
2/26/2019			<0.0007	<0.0007	<0.0025	<0.0007	<0.0007	<0.0007	
2/27/2019									<0.0025
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									<0.0025
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									<0.0025
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	
2/7/2020									<0.0025
3/16/2020	<0.0007	<0.0007							
3/17/2020			<0.0007	<0.0007	<0.0025	<0.0007	<0.0007	<0.0007	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/17/2025 1:19 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-8
3/19/2020									<0.0025
9/21/2020		<0.0007	<0.0007	<0.0007					
9/22/2020	<0.0007				<0.0025	<0.0007	<0.0007	<0.0007	<0.0025
2/2/2021	<0.0007	<0.0007	<0.0007	<0.0007			<0.0007	<0.0007	
2/3/2021					<0.0025	<0.0007			<0.0025
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	<0.0025
8/15/2022	<0.0007	<0.0007			<0.0025	<0.0007			
8/16/2022			<0.0007	<0.0007			<0.0007	<0.0007	<0.0025
2/14/2023	<0.0007	<0.0007	<0.0007		<0.0025	<0.0007	<0.0007	<0.0007	
2/15/2023				<0.0007					
2/16/2023									0.00065 (J)
8/14/2023	<0.0007	<0.0007							
8/15/2023			<0.0007	<0.0007	<0.0025	<0.0007	<0.0007	<0.0007	0.00013 (J)
2/13/2024	<0.0007	<0.0007	<0.0007	<0.0007		<0.0007	<0.0007	<0.0007	0.00041 (J)
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									9.5E-05 (J)
2/10/2025	<0.0007	<0.0007	<0.0007						
2/11/2025				<0.0007		<0.0007	<0.0007	<0.0007	<0.0025
8/12/2025	<0.0007	<0.0007	<0.0007	<0.0007		<0.0007		<0.0007	
8/13/2025							<0.0007		
8/14/2025									0.00034 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
5/18/2016		<0.0007					<0.0007	0.000362 (J)	<0.0007
5/19/2016	<0.0007		<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				<0.0007
9/14/2016	<0.0007	<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					
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							
2/8/2017						<0.0007			
2/9/2017	<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	<0.0007			0.00067 (J)	
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			
7/11/2017						<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	<0.0007		0.00082 (J)	
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	0.0007 (J)	<0.0007
10/3/2018							<0.0007		
10/4/2018	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007		0.00065 (J)	<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								
4/3/2019	<0.0007		<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
9/19/2019	<0.0007	0.00021 (J)	<0.0007	<0.0007					
2/5/2020	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007			
2/7/2020							<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	<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					
2/4/2021	<0.0007	<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			
2/15/2023	<0.0007						<0.0007	8.5E-05 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
2/16/2023		<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			<0.0007					
2/15/2024		<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
8/1/2024	<0.0007								
8/2/2024						<0.0007			
2/11/2025	<0.0007		<0.0007	<0.0007					<0.0007
2/12/2025					<0.0007	<0.0007		<0.0007	
2/13/2025		<0.0007					<0.0007		
8/13/2025							<0.0007		<0.0007
8/14/2025					<0.0007	<0.0007		<0.0007	
8/15/2025				<0.0007					
8/18/2025			<0.0007						
8/19/2025	<0.0007	<0.0007							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
11/11/2016	<0.0007								
2/6/2017	<0.0007								
3/15/2017	<0.0007								
4/11/2017	<0.0007								
4/26/2017	<0.0007								
6/7/2017	<0.0007								
7/11/2017	<0.0007								
8/10/2017	<0.0007								
3/29/2018	<0.0007								
6/14/2018	<0.0007								
10/4/2018	<0.0007								
2/28/2019	<0.0007								
4/2/2019	<0.0007								
9/18/2019	<0.0007								
2/7/2020	<0.0007								
5/4/2020	<0.0007								
9/23/2020	<0.0007								
2/3/2021	<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		<0.0007			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				<0.0007		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	<0.0007	0.00057 (J)	<0.0007					8E-05 (J)	
8/11/2023		0.00019 (J)						<0.0007	
8/15/2023							<0.0007		
8/16/2023	<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	<0.0007	
7/31/2024	<0.0007	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
2/13/2025	<0.0007		<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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-1	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D
10/16/2018		<0.0007							
10/18/2018	<0.0007								
8/17/2023			<0.0007						
2/15/2024			<0.0007						
8/1/2024			<0.0007						
2/12/2025	<0.0007	<0.0007							
2/13/2025			<0.0007						
8/13/2025			<0.0007						
8/14/2025	<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

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-34S	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S
8/20/2025								0.013	
8/21/2025					<0.0007		<0.0007		<0.0007
8/25/2025	<0.0007								
8/26/2025		<0.0007	<0.0007	<0.0007					
8/27/2025						<0.0007			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-39	WGWC-40	WGWC-41	WGWC-42
8/20/2025		<0.0007		<0.0007
8/21/2025	<0.0007		<0.0007	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/17/2025 1:19 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-8
5/17/2016	0.927	12.2						23.7	
5/18/2016			2.1	17.9	1.7	27	1.36		
5/19/2016									31.4
7/19/2016	1	13			1.5	23	0.88	23	
7/20/2016			1.7	15					28
9/13/2016	0.44	13	1.3	16		25	0.93	23	
9/14/2016					52				
9/15/2016									27
11/9/2016	1.1	19				25		6.7	
11/10/2016			1.6	15			6.1		
11/14/2016									32
1/17/2017	1.4	28							
1/18/2017			1.7	17		26	10		
1/19/2017					13			8.5	
2/6/2017									41
3/13/2017	1.1	14							
3/14/2017			1.8	17	1.6	20	1.3	13	
3/15/2017									38
4/24/2017	1.1	12							
4/25/2017			2	17	1.5	28	1.9	23	
4/26/2017									39
8/8/2017	1.1	18	2			26	4.8	24	
8/9/2017				15	1.3				
8/10/2017									53
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									60
3/27/2018	1.2	15							
3/28/2018			1.8	15	1.1	26	0.9	24	
3/29/2018									61
6/13/2018	1.1				1.2	25		11	
6/14/2018		12	2	15			0.94		52
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									65
4/1/2019	1	12							
4/2/2019			1.8	15	1.1	25	1.1	20	
4/3/2019									61
9/16/2019	1.3				36	25			
9/17/2019		13		16				10	
9/18/2019			1.6				1.5		
9/19/2019									57
3/16/2020	1.1	10							
3/17/2020			1.7	15	1.4	26	0.82	10	
3/19/2020									79
9/21/2020		13	1.8	16					
9/22/2020	1.2				58	25	0.89	19	81
3/10/2021		11	1.9	16	1.3		0.89	7.7	

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/17/2025 1:19 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-8
3/11/2021	1.3					26			83
8/23/2021		13							
8/24/2021	1.2			15	47	26	1.7		
8/25/2021			1.7					16	
8/26/2021									85
2/28/2022				14					
3/1/2022	1.1	13	1.6		2.1	22			
3/3/2022							1.4	6.1	88
8/15/2022	1.2	12			51	24			
8/16/2022			1.8	16			0.94	8.8	83
2/14/2023	1.4	12	2		1.3	29	1.3	5.7	
2/15/2023				18					
2/16/2023									92
8/14/2023	1.5	14							
8/15/2023			1.9	17	26	27	1.8	8.3	96
2/13/2024	1.3	12	1.7	17		27	11	4.6	91
2/16/2024					0.92				
7/30/2024	1.4	16	1.9	18		29	1.6	15	
8/1/2024									90
2/10/2025	1.4	16	1.8						
2/11/2025				17		27	8.7	4.4	99
8/12/2025	1.3	12	1.8	16		26		6.6	
8/13/2025							1.1		
8/14/2025									97

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
5/18/2016		7.17					32.5	168	8.24
5/19/2016	8.53		1.95	15.8	11.4				
7/19/2016							30	190	
7/20/2016	8.2	7	1.5	14	7.1				11
9/14/2016	8.8	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					
1/20/2017									10
1/24/2017							28	280	
1/27/2017			3.5	16	6.2				
2/6/2017		9.1							
2/8/2017						3.2			
2/9/2017	10								
2/23/2017						4.1			
3/14/2017							29		8.8
3/15/2017	8.6	9	3.8	16	6.7			260	
3/17/2017						2.4			
4/11/2017	8.6					4.1			
4/25/2017							32	300	12
4/26/2017	7.1	8.1	4	3	6.5	2.5			
5/17/2017						5.2			
6/7/2017						5.2			
7/11/2017						2.3			
8/9/2017					7		30	350	11
8/10/2017	7.5	8.1	3.5	15					
10/11/2017						3.8	31	360	10
10/12/2017	8.2	8.6	2.7	16	7				
3/29/2018	7.6		3.9	14	7	1.2		330	
3/30/2018		9					31		7.2
6/14/2018	7.5	7.7	2.2	13	5.5	1.1	29	260	6.2
10/3/2018							31		
10/4/2018	8	8.5	2	15	5.9	2		250	6.4
4/3/2019	7.2		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
9/19/2019	8.1	7.5	1.4	14					
3/18/2020		7.5	1.6	14			30	66	6.3
3/19/2020	9.3				5	0.89			
9/23/2020	10	7.7		13			32	43	5.9
9/24/2020			5.2		1.4	0.99			
3/11/2021		7.9			4	0.79		32	5.7
3/12/2021	11		1.6	15			31		
8/25/2021			1.5	14	4	0.7		27	6
8/26/2021	9.3	7.6					31		
3/3/2022	8.6	7.1	1.3		3.4	0.65	28	24	
3/4/2022				12					5.3
8/16/2022			1.6						5.6
8/17/2022	9						29	20	
8/18/2022				13	3.5				
8/19/2022		7.3				0.64			
2/15/2023	11						31	26	
2/16/2023		6.9	1.7	12	3.8	0.69			6

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
8/15/2023								23	
8/16/2023	11		1.7	15	4.1	0.7	32		6.3
8/17/2023		8							
2/14/2024	9.1			13					
2/15/2024		7.7			3.7	0.66	31	20	6.2
2/16/2024			1.6						
7/30/2024								20	
7/31/2024		8	1.8	14	3.8		32		6.8
8/1/2024	10								
8/2/2024						0.68			
2/11/2025	9.6		1.7	14					5.8
2/12/2025					3.8	0.77		15	
2/13/2025		8					30		
8/13/2025							31		6.4
8/14/2025					3.6	0.7		17	
8/15/2025				15					
8/18/2025			1.6						
8/19/2025	10	7.8							

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
11/11/2016	12								
2/6/2017	11								
3/15/2017	10								
4/11/2017	11								
4/26/2017	8.4								
6/7/2017	9								
7/11/2017	9.5								
8/10/2017	8.8								
10/12/2017	9.5								
3/29/2018	10								
6/14/2018	8.9								
10/4/2018	10								
4/2/2019	11								
9/18/2019	8.8								
5/4/2020	15								
9/23/2020	13								
3/8/2021		90					14		
3/9/2021			66	15	3.2	65			
3/11/2021	15								
4/7/2021			67		2.7	71			
4/8/2021		88		14			16		
8/26/2021	10	120	51	24	4.6	69	16		
1/11/2022			57	32	3.1	51	16		
1/12/2022		220							
3/3/2022	12		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	9.8				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	13	190	68					19	
8/11/2023		150						25	
8/15/2023							28		
8/16/2023	14								
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	14		73		2.5		29	22	
7/31/2024	12	220			4.2	14	29		
8/1/2024			69					20	350
8/2/2024				14					
2/12/2025		230		13			31	16	340
2/13/2025	13		64		4.4	20			
8/13/2025							19		
8/14/2025	12	160							550
8/18/2025				12		11		15	

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
8/19/2025			60		2.8				
11/13/2025									93 (R)

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-1	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D
10/16/2018		18							
10/18/2018	19								
3/9/2021			17						
4/7/2021			18						
8/17/2023			16						
2/15/2024			15						
8/1/2024			18						
12/9/2024		21							
1/8/2025	22								
2/12/2025	16	25							
2/13/2025			13						
8/13/2025			18						
8/14/2025	22								
8/19/2025		18							
8/20/2025				0.25		2.1	7.3	86	
8/21/2025					24				13

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-34S	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S
8/20/2025								950	
8/21/2025					28		28		47
8/25/2025	1.9								
8/26/2025		46	40	6.6					
8/27/2025						16			

Time Series

Constituent: Calcium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-39	WGWC-40	WGWC-41	WGWC-42
8/20/2025		0.77		0.27
8/21/2025	0.56		7.3	

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/17/2025 1:19 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-8
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									17.5
7/19/2016	3.9	2.6			2.4	1.6	2.1	4	
7/20/2016			1.8	1.4					19
9/13/2016	3.6	2.4	1.7	1.4		1.4	2	3.1	
9/14/2016					2.1				
9/15/2016									19
11/9/2016	3.9	2.3				1.5		2.3	
11/10/2016			1.6	1.3			1.8		
11/14/2016									25
1/17/2017	3.8	2.3							
1/18/2017			1.7	1.3		1.5	1.8		
1/19/2017					1.8			2	
2/6/2017									33
3/13/2017	3.4	2.2							
3/14/2017			1.6	1.2	2	2.5	1.8	1.9	
3/15/2017									38
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									42
8/8/2017	3.6	2.3	1.7			1.4	1.9	2	
8/9/2017				1.2	1.9				
8/10/2017									48
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									60
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									68
6/13/2018	3.8				1.7	1.4		2	
6/14/2018		2.3	1.6	1.2			1.7		58
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									300
4/1/2019	4	2.4							
4/2/2019			1.7	1.2	1.7	1.5	1.9	2.6	
4/3/2019									70
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									70
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									98
9/21/2020		2.5	1.5	1.2					
9/22/2020	4				1.5	1.4	1.8	2.1	100
3/10/2021		2.6	1.8	1.2	1.8		1.9	1.9	

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/17/2025 1:19 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-8
3/11/2021	4.5					1.5			110
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									110
2/28/2022				1.2					
3/1/2022	4.1	2.7	1.8		1.5	1.5			
3/3/2022							2.1	2	130
8/15/2022	4	2.7			1.5	1.5			
8/16/2022			1.6	1.2			1.9	1.9	110
2/14/2023	3.9	2.6	1.6		1.3	1.5	1.8	1.9	
2/15/2023				1.2					
2/16/2023									120
8/14/2023	3.8	2.5							
8/15/2023			1.6	1.2	1.2	1.4	1.7	1.8	110
2/13/2024	3.5	2.4	1.5	1.1		1.4	1.6	1.7	88
2/16/2024					1.6				
7/30/2024	3.9	2.9	1.8	1.8		1.8	2	2.1	
8/1/2024									110
2/10/2025	4.6	3.3	2						
2/11/2025				1.7		1.8	2.4	2.5	120
8/12/2025	3.3	2.6	1.5	<5		1.4		2.2	
8/13/2025							1.9		
8/14/2025									120

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
5/18/2016		1.45					4.59	217	2.72
5/19/2016	1.46		3.21	3.8	2.26				
7/19/2016							5.9	250	
7/20/2016	1.5	1.6	3.4	3.8	1.9				1.9
9/14/2016	1.4	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					
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							
2/8/2017						2.5			
2/9/2017	1.5								
2/23/2017						4.3			
3/14/2017							4.4		1.5
3/15/2017	1.3	1.4	3.1	3.2	1.4			330	
3/17/2017						4.8			
4/11/2017	1.2					3.8			
4/25/2017							4	330	1.8
4/26/2017	1.2	1.3	3.1	3.2	1.3	4.8			
5/17/2017						3.9			
6/7/2017						3.2			
7/11/2017						4.1			
8/9/2017					1.4		3.6	330	1.4
8/10/2017	1.3	1.4	3.1	3.4					
10/11/2017						2.2	5	320	1.5
10/12/2017	1.4	1.3	3	3.1	1.2				
3/29/2018	1.2		3.1	3.1	1.2	2.5		330	
3/30/2018		1.3					4.2		1.5
6/14/2018	1.2	1.3	3	3	1.2	2.8	4.3	290	1.5
10/3/2018							4.8		
10/4/2018	1.2	1.3	3.1	3.1	1.2	2.2		290	1.5
4/3/2019	2		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
9/19/2019	1.5	1.5	3.2	3.2					
3/18/2020		1.5	3.2	3.2			1.7	93	1.5
3/19/2020	2.1				1.3	1.9			
9/23/2020	2.4	1.3		2.8			1.5	58	1.2
9/24/2020			1		1.6	3.1			
3/11/2021		1.7			1.2	2.6		49	1.3
3/12/2021	3.4		3.6	3.5			1.6		
8/25/2021			3.5	3.7	1.2	2.8		45	1.6
8/26/2021	3.1	1.6					1.4		
3/3/2022	3.5	1.6	3.6		1	2.4	1.4	42	
3/4/2022				3.2					1.3
8/16/2022			3.5						1.3
8/17/2022	3.2						1.2	35	
8/18/2022				3	0.98 (J)				
8/19/2022		1.4				2.1			
2/15/2023	3.9						1	42	
2/16/2023		1.3	3.3	2.9	0.97 (J)	1.9			1.2

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
8/15/2023								34	
8/16/2023	3.3		3.3	2.8	0.91 (J)	1.8	0.95 (J)		1.1
8/17/2023		1.3							
2/14/2024	3.2			2.8					
2/15/2024		1.8			1.3	2.5	1.4	32	1.6
2/16/2024			4.3						
7/30/2024								26	
7/31/2024		1.7	3.8	3.4	1.2		1.3		1.6
8/1/2024	4.3								
8/2/2024						2.4			
2/11/2025	2		0.45 (J)	3.7					1.9
2/12/2025					1.3	2.4		28	
2/13/2025		1.5					1.1		
8/13/2025							1.4		1.8
8/14/2025					1.5	2.5		26	
8/15/2025				3.6					
8/18/2025			4.3						
8/19/2025	5.4	1.8							

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
11/11/2016	2.6								
2/6/2017	2.6								
3/15/2017	2.4								
4/11/2017	2.3								
4/26/2017	2.3								
6/7/2017	2.5								
7/11/2017	2.3								
8/10/2017	2.5								
10/12/2017	2.3								
3/29/2018	2.3								
6/14/2018	2.4								
10/4/2018	2.6								
4/2/2019	2.5								
9/18/2019	2.7								
5/4/2020	2.8								
9/23/2020	2.6								
3/8/2021		70					74		
3/9/2021			58	2.9	3.5	110			
3/11/2021	2.9								
4/7/2021			50		3.7	110			
4/8/2021		57		2.4			77		
8/26/2021	3.3	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	3.2		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	2.8				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	2.6	230	51					22	
8/11/2023		190						29	
8/15/2023							35		
8/16/2023	2.5								
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	3.5		59		3.5		12	29	
7/31/2024	3.1	270			3.2	14	53		
8/1/2024			48					26	710
8/2/2024				4.4					
2/12/2025		380		4.1			24	26	470
2/13/2025	3.1		48		3.1	19			
8/13/2025							12		
8/14/2025	3.3	180							930
8/18/2025				4.3		15		19	

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
8/19/2025			56		3.4				
11/13/2025									600 (R)

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-1	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D
10/16/2018		2.5							
10/18/2018	2.6								
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							
1/8/2025	3.4								
2/12/2025	32	2.9							
2/13/2025			16						
8/13/2025			22						
8/14/2025	3.5								
8/19/2025		2.7							
8/20/2025				1.3		3	4.3	19	
8/21/2025					17				120

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-34S	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S
8/20/2025								1200	
8/21/2025					26		560		21
8/25/2025	2.9								
8/26/2025		8.1	7.1	2.5					
8/27/2025						33			

Time Series

Constituent: Chloride (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-39	WGWC-40	WGWC-41	WGWC-42
8/20/2025		12		7.4
8/21/2025	2.1		2.8	

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/17/2025 1:19 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-8
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				
9/15/2016									<0.005
11/9/2016	<0.005	<0.005				<0.005		<0.005	
11/10/2016			<0.005	<0.005			<0.005		
11/14/2016									<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	
2/6/2017									<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
4/24/2017	<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)	
2/27/2019									<0.005
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	
2/7/2020									<0.005
3/16/2020	<0.005	<0.005							
3/17/2020			<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/17/2025 1:19 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-8
3/19/2020									<0.005
9/21/2020		<0.005	<0.005	<0.005					
9/22/2020	<0.005				<0.002	<0.005	<0.005	<0.005	<0.005
2/2/2021	<0.005	<0.005	<0.005	<0.005			<0.005	<0.005	
2/3/2021					<0.002	<0.005			<0.005
3/10/2021		<0.005	<0.005	<0.005	<0.002		<0.005	<0.005	
3/11/2021	<0.005					<0.005			<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	<0.005
2/14/2023	<0.005	<0.005	<0.005		<0.002	<0.005	<0.005	<0.005	
2/15/2023				<0.005					
2/16/2023									<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	<0.005
2/13/2024	<0.005	<0.005	0.0015 (J)	<0.005		<0.005	0.049 (O)	<0.005	<0.005
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		
8/14/2025									<0.005

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
5/18/2016		<0.005					<0.005	<0.005	<0.005
5/19/2016	<0.005		<0.005	<0.005	<0.005				
7/19/2016							<0.005	<0.005	
7/20/2016	<0.005	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	<0.005
11/10/2016					<0.005		<0.005	<0.005	<0.005
11/11/2016		0.0015 (J)	<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)							
2/8/2017						<0.005			
2/9/2017	<0.005								
2/23/2017						<0.005			
3/14/2017							<0.005		<0.005
3/15/2017	<0.005	0.0015 (J)	<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	0.0013 (J)	0.0011 (J)	<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		<0.005	<0.005	<0.005
8/10/2017	<0.005	0.0016 (J)	<0.005	<0.005					
3/29/2018	<0.005		0.0012 (J)	<0.005	<0.005	<0.005		<0.005	
3/30/2018		0.0027					<0.005		<0.005
6/14/2018	<0.005	0.0023 (J)	<0.005	<0.005	<0.005	<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	<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	0.0025								
4/3/2019	<0.005		<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
9/19/2019	<0.005	0.0022	<0.005	<0.005					
2/5/2020	<0.005	0.0022	<0.005	<0.005	<0.005	0.0017 (J)			
2/7/2020							<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	<0.005			
9/23/2020	<0.005	0.0018 (J)		<0.005			<0.005	<0.005	<0.005
9/24/2020			<0.005		<0.005	<0.005			
2/3/2021			<0.005	<0.005					
2/4/2021	<0.005	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
3/12/2021	<0.005		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	<0.005	0.0024					<0.005		
3/3/2022	<0.005	0.0023	<0.005		<0.005	<0.005	<0.005	<0.005	
3/4/2022				<0.005					<0.005
8/16/2022			<0.005						<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
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	<0.005	
2/16/2023		0.0014 (J)	<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	0.002			<0.005					
2/15/2024		0.0036			<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
8/1/2024	<0.005								
8/2/2024						<0.005			
2/11/2025	<0.005		<0.005	<0.005					<0.005
2/12/2025					0.0017 (J)	<0.005		<0.005	
2/13/2025		0.0036					<0.005		
8/13/2025							<0.005		<0.005
8/14/2025					<0.005	<0.005		<0.005	
8/15/2025				<0.005					
8/18/2025			<0.005						
8/19/2025	<0.005	<0.005							

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
11/11/2016	<0.005								
2/6/2017	<0.005								
3/15/2017	<0.005								
4/11/2017	<0.005								
4/26/2017	<0.005								
6/7/2017	<0.005								
7/11/2017	<0.005								
8/10/2017	<0.005								
3/29/2018	<0.005								
6/14/2018	<0.005								
10/4/2018	<0.005								
2/28/2019	<0.005								
4/2/2019	<0.005								
9/18/2019	<0.005								
2/7/2020	<0.005								
5/4/2020	<0.005								
9/23/2020	<0.005								
2/3/2021	<0.005								
3/11/2021	<0.005								
8/26/2021	<0.005	<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			<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		<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	<0.005	0.0015 (J)					<0.005	
8/11/2023		<0.005						<0.005	
8/15/2023							<0.005		
8/16/2023	<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	<0.005	
7/31/2024	<0.005	<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
2/13/2025	<0.005		<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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-1	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D
10/16/2018		<0.005							
10/18/2018	<0.005								
8/17/2023			<0.005						
2/15/2024			<0.005						
8/1/2024			<0.005						
2/12/2025	0.0012 (J)	<0.005							
2/13/2025			<0.005						
8/13/2025			<0.005						
8/14/2025	<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

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-34S	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S
8/20/2025								<0.005	
8/21/2025					<0.005		<0.005		<0.005
8/25/2025	<0.005								
8/26/2025		<0.005	<0.005	<0.005					
8/27/2025						<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-39	WGWC-40	WGWC-41	WGWC-42
8/20/2025		<0.005		<0.005
8/21/2025	<0.005		<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/17/2025 1:19 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-8
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)				
9/15/2016									<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)		
11/14/2016									<0.005
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	
2/6/2017									<0.005
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
4/24/2017	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									0.00066 (J)
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		0.0011 (J)
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)	
2/27/2019									0.0019 (J)
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									0.0037
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									0.0028
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	
2/7/2020									0.0011
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)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/17/2025 1:19 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-8
3/19/2020									0.00092 (J)
9/21/2020		0.00054 (J)	<0.005	<0.005					
9/22/2020	0.00072 (J)				0.0065	<0.005	0.00015 (J)	0.00033 (J)	0.00065 (J)
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			0.00014 (J)
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			0.00043 (J)
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									0.0005 (J)
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)	0.0003 (J)
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)	0.00075 (J)
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					
2/16/2023									<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)	<0.005
2/13/2024	0.00064 (J)	0.00049 (J)	<0.005	<0.005		<0.005	0.00044 (J)	0.00063 (J)	<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		
8/14/2025									<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
5/18/2016		0.00201 (J)					<0.005	0.0069 (J)	0.00245 (J)
5/19/2016	<0.005		<0.0025	<0.005	<0.005				
7/19/2016							<0.005	0.012	
7/20/2016	<0.005	0.00066 (J)	0.0025	0.0013 (J)	<0.005				0.0018 (J)
9/14/2016	<0.005	0.00095 (J)	<0.0025	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)					
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)							
2/8/2017						0.0051			
2/9/2017	0.00073 (J)								
2/23/2017						0.014			
3/14/2017							<0.005		0.0023 (J)
3/15/2017	<0.005	0.00062 (J)	0.00064 (J)	0.0016 (J)	<0.005			0.014	
3/17/2017						0.013			
4/11/2017	<0.005					0.016			
4/25/2017							<0.005	0.014	0.0023 (J)
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)		<0.005	0.016	0.0011 (J)
8/10/2017	<0.005	<0.005	0.0011 (J)	0.00049 (J)					
3/29/2018	<0.005		<0.0025	0.0008 (J)	0.0008 (J)	0.015		0.0092	
3/30/2018		0.0035					<0.005		0.0016 (J)
6/14/2018	<0.005	0.0012 (J)	<0.0025	0.00067 (J)	0.00054 (J)	0.011	<0.005	0.0035	0.00055 (J)
10/3/2018							<0.005		
10/4/2018	<0.005	0.00086 (J)	<0.0025	0.00079 (J)	<0.005	0.0055		0.0078	0.00041 (J)
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	<0.005								
4/3/2019	<0.005		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)
9/19/2019	<0.005	0.0023	<0.0025	0.00028 (J)					
2/5/2020	<0.005	0.0013	0.00026 (J)	0.00058	<0.005	0.0044			
2/7/2020							<0.005	0.00016 (J)	0.00077
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				<0.005	0.0039			
9/23/2020	<0.005	0.00062 (J)		0.00039 (J)			<0.005	<0.005	0.0009 (J)
9/24/2020			<0.0025		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	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)
3/12/2021	<0.005		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	<0.005	0.00044 (J)					<0.005		
3/3/2022	<0.005	0.00045 (J)	0.00026 (J)		<0.005	0.0024 (J)	<0.005	<0.005	
3/4/2022				0.00056 (J)					0.00026 (J)
8/16/2022			<0.0025						<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
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	<0.005	
2/16/2023		<0.005	<0.0025	0.0004 (J)	<0.005	0.0022 (J)			<0.005
8/15/2023								<0.005	
8/16/2023	<0.005		<0.0025	0.00025 (J)	0.00024 (J)	0.002 (J)	<0.005		<0.005
8/17/2023		0.00038 (J)							
2/14/2024	<0.005			0.00045 (J)					
2/15/2024		<0.005			<0.005	0.0017 (J)	<0.005	<0.005	<0.005
2/16/2024			<0.0025						
7/30/2024								<0.005	
7/31/2024		<0.005	<0.0025	0.00029 (J)	<0.005		<0.005		<0.005
8/1/2024	<0.005								
8/2/2024						0.0016 (J)			
2/11/2025	<0.005		<0.0025	0.00033 (J)					<0.005
2/12/2025					0.00029 (J)	0.0015 (J)		<0.005	
2/13/2025		<0.005					<0.005		
8/13/2025							<0.005		<0.005
8/14/2025					<0.005	0.0014 (J)		<0.005	
8/15/2025				<0.005					
8/18/2025			0.00043 (J)						
8/19/2025	<0.005	<0.005							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
11/11/2016	<0.005								
2/6/2017	0.00058 (J)								
3/15/2017	0.00045 (J)								
4/11/2017	<0.005								
4/26/2017	<0.005								
6/7/2017	<0.005								
7/11/2017	<0.005								
8/10/2017	0.00049 (J)								
3/29/2018	<0.005								
6/14/2018	<0.005								
10/4/2018	<0.005								
2/28/2019	0.00019 (J)								
4/2/2019	<0.005								
9/18/2019	0.00045 (J)								
2/7/2020	0.00024 (J)								
5/4/2020	0.00018 (J)								
9/23/2020	0.00024 (J)								
2/3/2021	0.00025 (J)								
3/11/2021	0.00022 (J)								
8/26/2021	0.00022 (J)	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	0.00034 (J)		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				<0.005		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	0.00053 (J)	<0.005	<0.005					0.0013 (J)	
8/11/2023		<0.005						0.0018 (J)	
8/15/2023							0.0081		
8/16/2023	0.00026 (J)								
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		<0.005		0.0062	0.0018 (J)	
7/31/2024	0.00024 (J)	<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)
2/13/2025	<0.005		<0.005		0.00022 (J)	0.039			
8/13/2025							0.0097		
8/14/2025	<0.005	<0.005							<0.005
8/18/2025				<0.005		0.02		0.0014 (J)	
8/19/2025			<0.005		<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-1	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D
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							
8/20/2025				<0.005		0.0016 (J)	0.00052 (J)	0.0029 (J)	
8/21/2025					0.00044 (J)				0.21

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-34S	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S
8/20/2025								0.1	
8/21/2025					0.19		<0.005		0.031
8/25/2025	0.022								
8/26/2025		0.002 (J)	0.0074	0.005					
8/27/2025						0.021			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-39	WGWC-40	WGWC-41	WGWC-42
8/20/2025		0.0018 (J)		<0.005
8/21/2025	0.0078		<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 12/17/2025 1:19 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-8
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									0.711 (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					1.14
9/13/2016	0.592 (U)	0.372 (U)	0.215 (U)	0.958		6.98	0.527 (U)	0.194 (U)	
9/15/2016									1.26
11/9/2016	0.221 (U)	0.217 (U)				8.78		0.219 (U)	
11/10/2016			0.421	1.13			0.871		
11/14/2016									0.749
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)	
2/6/2017									1.05
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									1.32
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									1.07
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									1.88
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									2.31
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		1.86
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									2.44
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)	
2/27/2019									2.42
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									1.55
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									2.06
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)	
2/7/2020									1.66
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)	

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 12/17/2025 1:19 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-8
3/19/2020									1.21
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)	1.75
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
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			2.38
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									2.87
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	3.18
8/15/2022	0.559	0.725			2.38	9.58			
8/16/2022			0.628	2.02			0.653	1.18	2.4
2/14/2023	0.827	0.421 (U)	0.605		0.741	8.54	-0.0224 (U)	0.753	
2/15/2023				1.59					
2/16/2023									3.04
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)	2.65
2/13/2024	0.208 (U)	0.0248 (U)	-0.146 (U)	2.21		10.8	-0.137 (U)	0.309 (U)	2.44
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									1.73
2/10/2025	1.59	0.453 (U)	1.15						
2/11/2025				2.44		13.1	0.699	0.383 (U)	3.46
8/12/2025	1.13	0.917	0.341 (U)	2.07		11.1		0.697	
8/13/2025							0.701		
8/14/2025									3.43

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
5/18/2016		0.182 (U)					0.569	1.03	0.116 (U)
5/19/2016	0.209 (U)		0.431 (U)	0.0698 (U)	0.219 (U)				
7/19/2016							0.29 (U)	2.39	
7/20/2016	-0.084 (U)	-0.135 (U)	-0.263 (U)	-0.0646 (U)	0.404 (U)				0.247 (U)
9/14/2016	0.42 (U)	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					
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)							
2/8/2017						0.958			
2/9/2017	0.393								
2/23/2017						0.771			
3/14/2017							0.247 (U)		-0.107 (U)
3/15/2017	0.271 (U)	0.523	0.121 (U)	0.254 (U)	0.847			1.64	
3/17/2017						1.7			
4/11/2017	0.488 (U)					0.901			
4/25/2017							0.515	0.878	0.228 (U)
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		1.7	2.5	-0.0246 (U)
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		1.6	
3/30/2018		0.575					0.0985 (U)		0.135 (U)
6/14/2018	0.157 (U)	0.523	0.275 (U)	-0.263 (U)	0.463	0.55	0.171 (U)	1.09	-0.373 (U)
10/3/2018							0.766		
10/4/2018	0.48	0.84	1.18	1.29	0.99	0.563		1.99	0.775
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	0.271 (U)								
4/3/2019	0.0621 (U)		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)
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			
2/7/2020							0.125 (U)	0.797	0.244 (U)
3/18/2020		0.461 (U)	0.866	-0.0262 (U)			0.303 (U)	0.437	0.0655 (U)
3/19/2020	0.23 (U)				0.47	0.376 (U)			
9/23/2020	0.0587 (U)	0.442 (U)		0.785			0.448 (U)	0.276 (U)	0.643
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	0.488 (U)	0.727	0.438 (U)
3/11/2021		0.42 (U)			0.473	0.764		0.942	0.247 (U)
3/12/2021	0.831		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	0.681	0.321 (U)					0.678		
3/3/2022	0.431 (U)	0.587	0.622		0.621	0.956	0.358 (U)	0.573	
3/4/2022				0.408					0.573
8/16/2022			0.5						0.668

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
8/17/2022	0.139 (U)						0.563	0.946	
8/18/2022				0.279 (U)	0.719				
8/19/2022		0.497 (U)				0.932			
2/15/2023	0.0109 (U)						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)
8/15/2023								0.732	
8/16/2023	0.209 (U)		0.297 (U)	0.45 (U)	-0.09 (U)	0.277 (U)	0.0271 (U)		0.533 (U)
8/17/2023		-0.112 (U)							
2/14/2024	0.279 (U)			0.813					
2/15/2024		0.126 (U)			0.585	0.482 (U)	0.607	0.582	0.257 (U)
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)
8/1/2024	0.818								
8/2/2024						0.774			
2/11/2025	2.41		1.28	0.892					0.639 (U)
2/12/2025					0.589	0.968		1.14	
2/13/2025		0.44 (U)					1.11		
8/13/2025							0.907		0.615
8/14/2025					0.968	0.687 (U)		0.94	
8/15/2025				0.0108 (U)					
8/18/2025			0.251 (U)						
8/19/2025	0.51 (U)	0.8							

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
11/11/2016	-0.11 (U)								
2/6/2017	0.471								
3/15/2017	0.255 (U)								
4/11/2017	0.19 (U)								
4/26/2017	0.22 (U)								
6/7/2017	0.126 (U)								
7/11/2017	0.511								
8/10/2017	0.882								
3/29/2018	0.252 (U)								
6/14/2018	0.0458 (U)								
10/4/2018	0.381								
2/28/2019	0.254 (U)								
4/2/2019	0.209 (U)								
9/18/2019	0.403 (U)								
2/7/2020	0.2 (U)								
5/4/2020	0.0697 (U)								
9/23/2020	1.18								
2/3/2021	0.684								
3/11/2021	0.286 (U)								
8/26/2021	0.796	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	0.909		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	0.155 (U)				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	0.248 (U)	0.853	0.617					2.16	
8/11/2023		0.591 (U)						3.88	
8/15/2023							0.581 (U)		
8/16/2023	0.369 (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	0.523		1.3		0.232 (U)		0.672	5.82	
7/31/2024	1.53	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
2/13/2025	0.187 (U)		1.7		1.31 (U)	0.801			
8/13/2025							1.29		
8/14/2025	0.998	0.715 (U)							8.52
8/18/2025				5.52		1.28		2.97	
8/19/2025			1.14		1.74				

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-1	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D
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							
8/20/2025				1.38		1.05	4.91	19.2	
8/21/2025					1.22				1.5

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-34S	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S
8/20/2025								14.8	
8/21/2025					1.05		9.19		1.88
8/25/2025	0.608								
8/26/2025		0.592	1.12	1.47					
8/27/2025						3.17			

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-39	WGWC-40	WGWC-41	WGWC-42
8/20/2025		2.52		1.25
8/21/2025	2.17		4.84	

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/17/2025 1:19 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-8
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									0.304
7/19/2016	<0.2	<0.2			<0.2	0.11 (J)	<0.2	0.21	
7/20/2016			<0.2	0.17 (J)					0.27
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)				
9/15/2016									0.24
11/9/2016	<0.2	0.085 (J)				0.1 (J)		<0.2	
11/10/2016			<0.2	0.12 (J)			<0.2		
11/14/2016									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)	
2/6/2017									0.27
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									0.25
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									0.31
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									0.37
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									0.35
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									0.36
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		0.56
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									0.27
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	
2/27/2019									0.054 (J)
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									0.5
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									0.42
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	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/17/2025 1:19 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-8
2/7/2020									0.25
3/16/2020	0.042 (J)	0.052 (J)							
3/17/2020			0.04 (J)	0.11	<0.2	0.037 (J)	0.044 (J)	<0.2	
3/19/2020									0.057 (J)
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	0.14
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)			0.15
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)			0.16
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									0.21
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)	0.19
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)	0.21
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					
2/16/2023									0.14
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)	0.15 (J)
2/13/2024	<0.2	<0.2	<0.2	0.087 (J)		0.07 (J)	<0.2	0.076 (J)	<0.2
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									<0.2
2/10/2025	<0.2	<0.2	<0.2						
2/11/2025				<0.2		<0.2	<0.2	<0.2	<0.2
8/12/2025	<0.2	<0.2	<0.2	<0.2		<0.2		<0.2	
8/13/2025							<0.2		
8/14/2025									1

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
5/18/2016		0.206 (J)					0.779	0.1 (J)	0.121 (J)
5/19/2016	1.58		0.039 (J)	0.12 (J)	0.384				
7/19/2016							0.97	0.14 (J)	
7/20/2016	2	0.23	<0.2	0.11 (J)	0.34				0.16 (J)
9/14/2016	1.8	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					
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)							
2/8/2017						<0.2			
2/9/2017	1.3								
2/23/2017						<0.2			
3/14/2017							0.77		0.11 (J)
3/15/2017	1.3	0.16 (J)	<0.2	<0.2	0.3			0.1 (J)	
3/17/2017						<0.2			
4/11/2017	1.4					<0.2			
4/25/2017							0.95	0.13 (J)	0.13 (J)
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		0.91	0.18 (J)	0.19 (J)
8/10/2017	1.6	0.2	<0.2	0.11 (J)					
10/11/2017						<0.2	0.88	<0.2	0.14 (J)
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		0.13 (J)	
3/30/2018		0.13 (J)					0.79		0.095 (J)
6/14/2018	1.4	0.15 (J)	<0.2	0.1 (J)	0.27	<0.2	0.79	<0.2	0.11 (J)
10/3/2018							0.79		
10/4/2018	1.4	0.18 (J)	<0.2	0.12 (J)	0.23	<0.2		0.85 (J)	0.11 (J)
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	1.4								
4/3/2019	1.3		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)
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)			
2/7/2020							0.79	0.072 (J)	0.079 (J)
3/18/2020		0.052 (J)	<0.2	0.033 (J)			0.71	0.084 (J)	<0.2
3/19/2020	1				0.15	<0.2			
9/23/2020	0.82	0.09 (J)		0.064 (J)			0.63	0.049 (J)	0.05 (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)	0.69	0.052 (J)	0.064 (J)
3/11/2021		0.15			0.18	0.04 (J)		0.061 (J)	0.05 (J)
3/12/2021	0.98		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	1	0.16					0.77		
3/3/2022	1	0.067 (J)	0.055 (J)		0.21	0.057 (J)	0.88	0.067 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
3/4/2022				0.068 (J)					0.06 (J)
8/16/2022			<0.2						0.06 (J)
8/17/2022	0.9						0.68	0.062 (J)	
8/18/2022				0.073 (J)	0.14				
8/19/2022		0.1				<0.2			
2/15/2023	0.85						0.73	0.076 (J)	
2/16/2023		0.11	0.041 (J)	0.089 (J)	0.15	<0.2			0.069 (J)
8/15/2023								0.065 (J)	
8/16/2023	0.9		0.041 (J)	0.083 (J)	0.13	0.04 (J)	0.73		0.064 (J)
8/17/2023		0.1							
2/14/2024	0.73			0.044 (J)					
2/15/2024		<0.2			0.21 (J)	<0.2	0.89	<0.2	<0.2
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)
8/1/2024	0.9								
8/2/2024						<0.2			
2/11/2025	0.4		<0.2	<0.2					<0.2
2/12/2025					<0.2	<0.2		<0.2	
2/13/2025		<0.2					0.72		
8/13/2025							0.74		0.22
8/14/2025					0.26	0.2		0.23	
8/15/2025				0.22					
8/18/2025			0.17 (J)						
8/19/2025	0.9	0.3							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
11/11/2016	0.32								
2/6/2017	0.45								
3/15/2017	0.37								
4/11/2017	0.37								
4/26/2017	0.4								
6/7/2017	0.35								
7/11/2017	0.39								
8/10/2017	0.42								
10/12/2017	0.36								
3/29/2018	0.34								
6/14/2018	0.35								
10/4/2018	0.35								
2/28/2019	0.28								
4/2/2019	0.33								
9/18/2019	0.32								
2/7/2020	0.35								
5/4/2020	0.36								
9/23/2020	0.25								
2/3/2021	0.3								
3/8/2021		1.8					<0.2		
3/9/2021			1.7	1.1	0.092 (J)	1			
3/11/2021	0.31								
4/7/2021			1.6		0.093 (J)	1.1			
4/8/2021		1.7		1.4			0.028 (J)		
8/26/2021	0.38	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	0.4		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	0.28				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	0.33	1.9	1.9					0.92	
8/11/2023		2.1						1.1	
8/15/2023							0.049 (J)		
8/16/2023	0.34								
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	0.4		2.2		<0.2		<0.2	1.2	
7/31/2024	0.28	1.8			0.045 (J)	0.1 (J)	<0.2		
8/1/2024			<0.2					0.66	<0.2
8/2/2024				<0.2					
2/12/2025		<0.2		<0.2			<0.2	<0.2	<0.2
2/13/2025	0.058 (J)		<0.2		<0.2	<0.2			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
8/13/2025							<0.2		
8/14/2025	0.45	2.4							1.3
8/18/2025				0.34		0.28		0.92	
8/19/2025			2		0.18 (J)				
11/13/2025									4.4 (R)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-1	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D
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							
8/20/2025				0.18 (J)		0.24	0.25	0.96	
8/21/2025					2.8				0.74

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-34S	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S
8/20/2025								0.32	
8/21/2025					3.7		3.8		5.4
8/25/2025	<0.2								
8/26/2025		0.18 (J)	0.25	0.089 (J)					
8/27/2025						<0.2			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-39	WGWC-40	WGWC-41	WGWC-42
8/20/2025		0.16 (J)		0.15 (J)
8/21/2025	0.47		0.7	

Time Series

Constituent: Lead (mg/L) Analysis Run 12/17/2025 1:19 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-8
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				
9/15/2016									<0.001
11/9/2016	<0.001	<0.001				<0.001		<0.001	
11/10/2016			<0.001	<0.001			<0.001		
11/14/2016									<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	
2/6/2017									<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
4/24/2017	<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	
2/27/2019									0.00017 (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	
2/7/2020									<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									0.00016 (J)
9/21/2020		<0.001	<0.001	<0.001					
9/22/2020	<0.001				<0.001	<0.001	<0.001	<0.001	0.00013 (J)
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			0.00013 (J)
3/10/2021		0.00019 (J)	<0.001	<0.001	<0.001		<0.001	<0.001	
3/11/2021	<0.001					<0.001			<0.001
8/23/2021		0.00023 (J)							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 12/17/2025 1:19 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-8
8/24/2021	<0.001			<0.001	<0.001	<0.001	<0.001		
8/25/2021			<0.001					<0.001	
8/26/2021									0.00014 (J)
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	0.00052 (J)
8/15/2022	<0.001	<0.001			<0.001	0.00019 (J)			
8/16/2022			<0.001	<0.001			<0.001	<0.001	0.00041 (J)
2/14/2023	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	
2/15/2023				<0.001					
2/16/2023									0.00029 (J)
8/14/2023	<0.001	<0.001							
8/15/2023			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/13/2024	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<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	0.00023 (J)
8/12/2025	<0.001	<0.001	<0.001	<0.001		<0.001		<0.001	
8/13/2025							<0.001		
8/14/2025									<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
5/18/2016		<0.001					<0.001	<0.001	<0.001
5/19/2016	<0.001		<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				<0.001
9/14/2016	<0.001	<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					
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							
2/8/2017						<0.001			
2/9/2017	<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			
7/11/2017						<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	0.00014 (J)								
4/3/2019	<0.001		<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
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			
2/7/2020							<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	<0.001				0.0006 (J)	0.00017 (J)			
9/23/2020	<0.001	0.00013 (J)		<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					
2/4/2021	<0.001	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
3/12/2021	<0.001		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	<0.001	0.00026 (J)					<0.001		
3/3/2022	<0.001	0.00025 (J)	<0.001		0.00023 (J)	0.00057 (J)	<0.001	<0.001	
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				
8/19/2022		0.0003 (J)				0.00036 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
2/15/2023	<0.001						<0.001	<0.001	
2/16/2023		<0.001	<0.001	<0.001	0.00027 (J)	0.00024 (J)			<0.001
8/15/2023								<0.001	
8/16/2023	<0.001		<0.001	<0.001	0.00025 (J)	0.00022 (J)	<0.001		<0.001
8/17/2023		<0.001							
2/14/2024	<0.001			<0.001					
2/15/2024		0.0007 (J)			<0.001	0.00029 (J)	<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
8/1/2024	<0.001								
8/2/2024						<0.001			
2/11/2025	<0.001		<0.001	<0.001					<0.001
2/12/2025					0.00022 (J)	<0.001		<0.001	
2/13/2025		<0.001					<0.001		
8/13/2025							<0.001		<0.001
8/14/2025					<0.001	<0.001		<0.001	
8/15/2025				<0.001					
8/18/2025			<0.001						
8/19/2025	<0.001	<0.001							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
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								
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	<0.001								
3/11/2021	<0.001								
8/26/2021	<0.001	<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	0.0003 (J)		<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		<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					<0.001	
8/11/2023		<0.001						<0.001	
8/15/2023							<0.001		
8/16/2023	<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	<0.001	
7/31/2024	<0.001	<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
2/13/2025	<0.001		<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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-1	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D
8/17/2023			<0.001						
2/15/2024			<0.001						
8/1/2024			<0.001						
2/12/2025	<0.001	<0.001							
2/13/2025			0.001						
8/13/2025			<0.001						
8/14/2025	<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

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-34S	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S
8/20/2025								0.012	
8/21/2025					<0.001		<0.001		<0.001
8/25/2025	<0.001								
8/26/2025		<0.001	<0.001	<0.001					
8/27/2025						<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-39	WGWC-40	WGWC-41	WGWC-42
8/20/2025		<0.001		<0.001
8/21/2025	0.00089 (J)		<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 12/17/2025 1:19 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-8
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									0.0215 (J)
7/19/2016	<0.005	0.005			<0.005	0.0043 (J)	<0.02	<0.02	
7/20/2016			<0.02	0.0041 (J)					0.026
9/13/2016	<0.005	0.0075	<0.02	0.0042 (J)		0.0045 (J)	<0.02	<0.02	
9/14/2016					<0.005				
9/15/2016									0.057
11/9/2016	0.0032 (J)	0.0078				0.0036 (J)		<0.02	
11/10/2016			<0.02	0.0048 (J)			<0.02		
11/14/2016									0.017
1/17/2017	<0.005	0.009							
1/18/2017			<0.02	0.0033 (J)		0.0046 (J)	<0.02		
1/19/2017					<0.005			<0.02	
2/6/2017									0.012
3/13/2017	<0.005	0.0069							
3/14/2017			<0.02	0.0033 (J)	<0.005	0.0038 (J)	<0.02	<0.02	
3/15/2017									0.014
4/24/2017	<0.005	0.0049 (J)							
4/25/2017			<0.02	0.0037 (J)	<0.005	<0.005	<0.02	<0.02	
4/26/2017									0.0091
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									0.013
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									0.018
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		0.015
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									0.013
2/25/2019	0.0049 (J)	0.0072							
2/26/2019			<0.02	0.0069	<0.005	0.0068	<0.02	<0.02	
2/27/2019									0.014
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									0.015
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									0.014
2/3/2020	<0.005	0.0085							
2/4/2020			<0.02	0.0055	<0.005	0.0053			
2/5/2020							<0.02	<0.02	
2/7/2020									0.014
3/16/2020	0.0053	0.0083							
3/17/2020			<0.02	0.0059	<0.005	0.0055	<0.02	<0.02	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 12/17/2025 1:19 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-8
3/19/2020									0.015
9/21/2020		0.0075	<0.02	0.005					
9/22/2020	0.0036 (J)				<0.005	0.0049 (J)	<0.02	<0.02	0.013
2/2/2021	<0.005	0.0065	<0.02	0.0039 (J)			<0.02	<0.02	
2/3/2021					<0.005	0.0047 (J)			0.014
3/10/2021		0.0075	<0.02	0.0049 (J)	<0.005		<0.02	<0.02	
3/11/2021	0.0039 (J)					0.005			0.013
8/23/2021		0.0066							
8/24/2021	<0.005			0.0036 (J)	<0.005	0.0041 (J)	<0.02		
8/25/2021			<0.02					<0.02	
8/26/2021									0.013
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	0.014
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	0.014
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)					
2/16/2023									0.01
8/14/2023	<0.005	0.0026 (J)							
8/15/2023			<0.02	<0.005	<0.005	<0.005	<0.02	<0.02	0.0084
2/13/2024	0.0049 (J)	0.0082	<0.02	0.0061		0.0054	<0.02	0.0028 (J)	0.012
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									0.016
2/10/2025	0.0091	0.013	<0.02						
2/11/2025				<0.005		<0.005	<0.02	0.0047 (J)	0.011
8/12/2025	0.0038 (J)	0.0082 (J)	<0.02	0.0053 (J)		0.0058 (J)		<0.02	
8/13/2025							<0.02		
8/14/2025									0.02

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
5/18/2016		0.032 (J)					<0.005	<0.005	<0.05
5/19/2016	0.0335 (J)		<0.02	<0.05	<0.02				
7/19/2016							0.0036 (J)	0.0091	
7/20/2016	0.024	0.021	<0.02	0.0057	<0.02				0.0042 (J)
9/14/2016	0.039	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					
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							
2/8/2017						0.0039 (J)			
2/9/2017	0.04								
2/23/2017						<0.02			
3/14/2017							0.0057		0.0048 (J)
3/15/2017	0.035	0.014	<0.02	0.0077	<0.02			0.01	
3/17/2017						<0.02			
4/11/2017	0.034					<0.02			
4/25/2017							0.0059	0.0081	0.0049 (J)
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		0.0068	0.013	0.0067
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)		0.015	
3/30/2018		0.016					0.0077		0.0067
6/14/2018	0.034	0.0084	0.0011 (J)	0.0062	0.0018 (J)	0.0018 (J)	0.0052	0.009	0.0046 (J)
10/3/2018							0.006		
10/4/2018	0.039	0.0085	0.0014 (J)	0.0066	0.0025 (J)	0.0016 (J)		0.012	0.005
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	0.037								
4/3/2019	0.035		<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)
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			
2/7/2020							0.0068	0.0053	0.0045 (J)
3/18/2020		0.0071	<0.02	0.0081			0.0086	0.0057	0.0054
3/19/2020	0.039				<0.02	<0.02			
9/23/2020	0.033	0.0054		0.007			0.0071	0.0059	0.0056
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	0.0086	0.0051	0.0047 (J)
3/11/2021		0.0051			0.0037 (J)	0.0035 (J)		0.005	0.0049 (J)
3/12/2021	0.034		<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	0.03	0.0044 (J)					0.0059		
3/3/2022	0.03	0.0038 (J)	<0.02		0.0018 (J)	0.0019 (J)	0.0068	0.0041 (J)	
3/4/2022				0.0061					0.0042 (J)
8/16/2022			0.00092 (J)						0.0053

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
8/17/2022	0.028						0.0073	0.0042 (J)	
8/18/2022				0.0063	0.0024 (J)				
8/19/2022		0.0049 (J)				0.0021 (J)			
2/15/2023	0.033						0.0062	0.0044 (J)	
2/16/2023		0.0025 (J)	<0.02	0.0036 (J)	<0.02	<0.02			0.0026 (J)
8/15/2023								<0.005	
8/16/2023	0.03		<0.02	0.0056	<0.02	<0.02	0.0055		0.0031 (J)
8/17/2023		0.0024 (J)							
2/14/2024	0.026			0.0045 (J)					
2/15/2024		0.0088			<0.02	<0.02	0.0055	0.0032 (J)	0.0026 (J)
2/16/2024			<0.02						
7/30/2024								<0.005	
7/31/2024		0.0048 (J)	0.0025 (J)	0.0089	0.0026 (J)		0.01		0.0029 (J)
8/1/2024	0.032								
8/2/2024						<0.02			
2/11/2025	0.029		<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		
8/13/2025							0.01 (J)		0.006 (J)
8/14/2025					<0.02	<0.02		0.0038 (J)	
8/15/2025				0.0069 (J)					
8/18/2025			<0.02						
8/19/2025	0.035	0.0053 (J)							

Time Series

Constituent: Lithium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
11/11/2016	0.045								
2/6/2017	0.05								
3/15/2017	0.052								
4/11/2017	0.048								
4/26/2017	0.044								
6/7/2017	0.047								
7/11/2017	0.045								
8/10/2017	0.056								
3/29/2018	0.072								
6/14/2018	0.048								
10/4/2018	0.062								
2/28/2019	0.045								
4/2/2019	0.052								
9/18/2019	0.052								
2/7/2020	0.044								
5/4/2020	0.049								
9/23/2020	0.056								
2/3/2021	0.06								
3/8/2021		0.11					0.0046 (J)		
3/9/2021			0.022	0.011	<0.02	0.0084			
3/11/2021	0.051								
4/7/2021			0.031		<0.02	0.0077			
4/8/2021		0.11		0.0081			0.0044 (J)		
8/26/2021	0.057	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	0.057		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	0.056				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	0.053	0.14	0.053					0.024	
8/11/2023		0.13						0.036	
8/15/2023							<0.005		
8/16/2023	0.062								
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	0.056		0.074		0.0044 (J)		0.0063	0.038	
7/31/2024	0.067	0.16			0.0042 (J)	0.0067	0.0037 (J)		
8/1/2024			0.068					0.029	0.2
8/2/2024				0.0086					
2/12/2025		0.14		0.0069			<0.005	0.026	0.19
2/13/2025	0.06		0.065		<0.02	0.0034 (J)			
8/13/2025							0.004 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
8/14/2025	0.07	0.2							0.47
8/18/2025				0.011 (J)		0.004 (J)		0.031	
8/19/2025			0.11		<0.02				
11/13/2025									0.38 (R)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-1	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D
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							
8/20/2025				<0.02		<0.02	0.0041 (J)	0.026	
8/21/2025					0.056				0.0078 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-34S	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S
8/20/2025								<0.02	
8/21/2025					<0.02		0.005 (J)		0.0044 (J)
8/25/2025	<0.02								
8/26/2025		<0.02	<0.02	<0.02					
8/27/2025						<0.02			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lithium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-39	WGWC-40	WGWC-41	WGWC-42
8/20/2025		<0.02		<0.02
8/21/2025	<0.02		0.0088 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/17/2025 1:19 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-8
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				
9/15/2016									0.00011 (J)
11/9/2016	<0.0002	<0.0002				<0.0002		<0.0002	
11/10/2016			0.00015 (J)	0.00016 (J)			8.7E-05 (J)		
11/14/2016									<0.0002
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	
2/6/2017									7.8E-05 (J)
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)
4/24/2017	<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	
2/27/2019									<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	
2/7/2020									<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	<0.0002
2/2/2021	<0.0002	<0.0002	<0.0002	<0.0002			<0.0002	<0.0002	
2/3/2021					<0.0002	<0.0002			<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 12/17/2025 1:19 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-8
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	<0.0002
2/14/2023	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	
2/15/2023				<0.0002					
2/16/2023									<0.0002
8/14/2023	<0.0002	<0.0002							
8/15/2023			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/13/2024	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002	<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		
8/14/2025									<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
5/18/2016		<0.0002					<0.0002	<0.0002	<0.0002
5/19/2016	<0.0002		<0.0002	<0.0002	<0.0002				
7/19/2016							9.3E-05 (J)	<0.0002	
7/20/2016	<0.0002	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	<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)					
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)							
2/8/2017						<0.0002			
2/9/2017	<0.0002								
2/23/2017						<0.0002			
3/14/2017							7.1E-05 (J)		<0.0002
3/15/2017	0.00013 (J)	0.00013 (J)	<0.0002	0.00018 (J)	<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			
7/11/2017						<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		<0.0002	0.00011 (J)	<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	<0.0002			
2/7/2020							<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	<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					
2/4/2021	<0.0002	<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	<0.0002	
2/16/2023		<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 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
2/14/2024	<0.0002			<0.0002					
2/15/2024		<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
8/1/2024	<0.0002								
8/2/2024						<0.0002			
2/11/2025	<0.0002		<0.0002	<0.0002					<0.0002
2/12/2025					<0.0002	<0.0002		<0.0002	
2/13/2025		<0.0002					<0.0002		
8/13/2025							<0.0002		<0.0002
8/14/2025					<0.0002	<0.0002		<0.0002	
8/15/2025				<0.0002					
8/18/2025			<0.0002						
8/19/2025	<0.0002	<0.0002							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
11/11/2016	7.6E-05 (J)								
2/6/2017	0.00012 (J)								
3/15/2017	<0.0002								
4/11/2017	<0.0002								
4/26/2017	<0.0002								
6/7/2017	<0.0002								
7/11/2017	<0.0002								
8/10/2017	<0.0002								
3/29/2018	<0.0002								
6/14/2018	<0.0002								
10/4/2018	<0.0002								
2/28/2019	<0.0002								
2/7/2020	<0.0002								
5/4/2020	<0.0002								
9/23/2020	<0.0002								
2/3/2021	<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			<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		<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					<0.0002	
8/11/2023		<0.0002						<0.0002	
8/15/2023							<0.0002		
8/16/2023	<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	<0.0002	
7/31/2024	<0.0002	<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
2/13/2025	<0.0002		<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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-1	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D
10/16/2018		<0.0002							
10/18/2018	<0.0002								
8/17/2023			<0.0002						
2/15/2024			<0.0002						
8/1/2024			<0.0002						
2/12/2025	<0.0002	<0.0002							
2/13/2025			<0.0002						
8/13/2025			<0.0002						
8/14/2025	<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

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-34S	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S
8/20/2025								<0.0002	
8/21/2025					<0.0002		<0.0002		<0.0002
8/25/2025	<0.0002								
8/26/2025		<0.0002	<0.0002	<0.0002					
8/27/2025						<0.0002			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-39	WGWC-40	WGWC-41	WGWC-42
8/20/2025		<0.0002		<0.0002
8/21/2025	<0.0002		<0.0002	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 12/17/2025 1:19 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-8
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									<0.005
7/19/2016	<0.005	<0.005			<0.015	<0.005	<0.005	0.002 (J)	
7/20/2016			<0.005	<0.005					<0.005
9/13/2016	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	0.0014 (J)	
9/14/2016					0.016 (O)				
9/15/2016									<0.005
11/9/2016	<0.005	<0.005				<0.005		<0.005	
11/10/2016			<0.005	<0.005			<0.005		
11/14/2016									<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	
2/6/2017									<0.005
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									<0.005
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									<0.005
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									<0.005
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									<0.005
6/13/2018	<0.005				<0.015	<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	<0.015		<0.005		
10/4/2018									<0.005
2/25/2019	<0.005	<0.005							
2/26/2019			<0.005	<0.005	<0.015	<0.005	<0.005	0.0019 (J)	
2/27/2019									<0.005
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									<0.005
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									<0.005
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	
2/7/2020									<0.005
3/16/2020	<0.005	<0.005							
3/17/2020			<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 12/17/2025 1:19 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-8
3/19/2020									<0.005
9/21/2020		<0.005	<0.005	<0.005					
9/22/2020	<0.005				0.0025 (J)	<0.005	<0.005	0.00097 (J)	<0.005
2/2/2021	<0.005	<0.005	<0.005	<0.005			<0.005	<0.005	
2/3/2021					<0.015	<0.005			<0.005
3/10/2021		<0.005	<0.005	<0.005	<0.015		<0.005	<0.005	
3/11/2021	<0.005					<0.005			<0.005
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									<0.005
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	<0.005
8/15/2022	<0.005	<0.005			<0.015	<0.005			
8/16/2022			<0.005	<0.005			<0.005	<0.005	<0.005
2/14/2023	<0.005	<0.005	<0.005		<0.015	<0.005	<0.005	<0.005	
2/15/2023				<0.005					
2/16/2023									<0.005
8/14/2023	<0.005	<0.005							
8/15/2023			<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	<0.005
2/13/2024	<0.005	<0.005	<0.005	<0.005		<0.005	0.0012 (J)	<0.005	<0.005
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									<0.005
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		
8/14/2025									<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
5/18/2016		<0.005					0.0153	<0.005	0.00526 (J)
5/19/2016	0.00762 (J)		<0.005	<0.015	0.00491 (J)				
7/19/2016							0.0093 (J)	<0.005	
7/20/2016	0.0084 (J)	<0.005	<0.005	0.00095 (J)	0.0025 (J)				0.0066 (J)
9/14/2016	0.0071 (J)	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	<0.015					
1/20/2017									0.0094 (J)
1/24/2017							0.0049 (J)	<0.005	
1/27/2017			<0.005	<0.015	0.0023 (J)				
2/6/2017		<0.005							
2/8/2017						<0.005			
2/9/2017	0.018								
2/23/2017						<0.005			
3/14/2017							0.0034 (J)		0.0044 (J)
3/15/2017	0.0057 (J)	<0.005	<0.005	<0.015	0.0022 (J)			<0.005	
3/17/2017						<0.005			
4/11/2017	0.0047 (J)					<0.005			
4/25/2017							0.004 (J)	<0.005	0.0074 (J)
4/26/2017	0.004 (J)	<0.005	<0.005	<0.015	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)		0.0042 (J)	<0.005	0.0066 (J)
8/10/2017	0.0046 (J)	0.00093 (J)	0.0011 (J)	0.0046 (J)					
3/29/2018	0.0048 (J)		<0.005	<0.015	0.0028 (J)	<0.005		<0.005	
3/30/2018		<0.005					0.0049 (J)		0.0024 (J)
6/14/2018	0.0046 (J)	<0.005	<0.005	<0.015	0.0018 (J)	<0.005	0.0056 (J)	<0.005	0.0026 (J)
10/3/2018							0.0041 (J)		
10/4/2018	0.003 (J)	<0.005	<0.005	<0.015	<0.015	<0.005		<0.005	0.00085 (J)
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	0.0053								
4/3/2019	0.0026 (J)		<0.005	<0.015	<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)
9/19/2019	0.0048 (J)	<0.005	<0.005	0.00073 (J)					
2/5/2020	0.0044 (J)	<0.005	<0.005	<0.015	0.0012 (J)	<0.005			
2/7/2020							0.0024 (J)	<0.005	0.0025 (J)
3/18/2020		<0.005	<0.005	<0.015			0.002 (J)	<0.005	0.0024 (J)
3/19/2020	0.0042 (J)				0.0018 (J)	<0.005			
9/23/2020	0.0027 (J)	<0.005		<0.015			0.0031 (J)	<0.005	0.0027 (J)
9/24/2020			0.0017 (J)		<0.015	<0.005			
2/3/2021			<0.005	<0.015					
2/4/2021	0.003 (J)	<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)
3/12/2021	0.003 (J)		<0.005	0.00062 (J)			0.0019 (J)		
8/25/2021			<0.005	<0.015	0.00092 (J)	<0.005		<0.005	0.0022 (J)
8/26/2021	0.0028 (J)	<0.005					0.0029 (J)		
3/3/2022	0.0027 (J)	<0.005	<0.005		0.00094 (J)	<0.005	0.0025 (J)	<0.005	
3/4/2022				<0.015					0.0021 (J)
8/16/2022			<0.005						0.0024 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
8/17/2022	0.0027 (J)						0.0025 (J)	<0.005	
8/18/2022				<0.015	0.00087 (J)				
8/19/2022		<0.005				<0.005			
2/15/2023	0.0025 (J)						0.0027 (J)	<0.005	
2/16/2023		<0.005	<0.005	<0.015	0.0013 (J)	<0.005			0.0022 (J)
8/15/2023								<0.005	
8/16/2023	0.0031 (J)		<0.005	<0.015	0.0012 (J)	<0.005	0.003 (J)		0.0023 (J)
8/17/2023		<0.005							
2/14/2024	0.0033 (J)			<0.015					
2/15/2024		<0.005			0.0012 (J)	<0.005	0.0021 (J)	<0.005	0.0023 (J)
2/16/2024			<0.005						
7/30/2024								<0.005	
7/31/2024		<0.005	<0.005	<0.015	0.0011 (J)		0.0028 (J)		0.0023 (J)
8/1/2024	0.0028 (J)								
8/2/2024						<0.005			
2/11/2025	0.0033 (J)		<0.005	<0.015					0.0023 (J)
2/12/2025					0.0013 (J)	<0.005		<0.005	
2/13/2025		<0.005					0.0023 (J)		
8/13/2025							0.0023 (J)		0.003 (J)
8/14/2025					0.0011 (J)	<0.005		<0.005	
8/15/2025				0.00075 (J)					
8/18/2025			<0.005						
8/19/2025	0.0024 (J)	<0.005							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
11/11/2016	<0.015								
2/6/2017	0.001 (J)								
3/15/2017	<0.015								
4/11/2017	<0.015								
4/26/2017	<0.015								
6/7/2017	0.0015 (J)								
7/11/2017	<0.015								
8/10/2017	0.0016 (J)								
3/29/2018	0.0012 (J)								
6/14/2018	0.0014 (J)								
10/4/2018	<0.015								
2/28/2019	0.0013 (J)								
4/2/2019	<0.015								
9/18/2019	0.0011 (J)								
2/7/2020	0.0014 (J)								
5/4/2020	0.0013 (J)								
9/23/2020	0.0013 (J)								
2/3/2021	0.0013 (J)								
3/11/2021	0.0012 (J)								
8/26/2021	0.0011 (J)	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	0.0013 (J)		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	0.001 (J)				<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	0.0014 (J)	<0.015	0.034					<0.005	
8/11/2023		<0.015						<0.005	
8/15/2023							<0.005		
8/16/2023	0.0013 (J)								
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	0.0014 (J)		0.023		<0.005		<0.005	<0.005	
7/31/2024	0.0012 (J)	<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)
2/13/2025	0.0014 (J)		0.027		<0.005	<0.005			
8/13/2025							<0.005		
8/14/2025	0.0022 (J)	0.00088 (J)							0.0082
8/18/2025				<0.005		<0.005		<0.005	
8/19/2025			0.032		<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-1	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D
10/16/2018		<0.005							
10/18/2018	0.0028 (J)								
8/17/2023			0.0025 (J)						
2/15/2024			0.0024 (J)						
8/1/2024			0.0028 (J)						
2/12/2025	<0.015	0.0023 (J)							
2/13/2025			0.0027 (J)						
8/13/2025			0.0027 (J)						
8/14/2025	0.0023 (J)								
8/19/2025		<0.005							
8/20/2025				<0.005		<0.005	<0.005	<0.005	
8/21/2025					0.036				<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-34S	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S
8/20/2025								<0.005	
8/21/2025					<0.005		<0.005		<0.005
8/25/2025	<0.005								
8/26/2025		0.001 (J)	0.00092 (J)	<0.005					
8/27/2025						<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-39	WGWC-40	WGWC-41	WGWC-42
8/20/2025		<0.005		<0.005
8/21/2025	<0.005		<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: pH, Field (SU) Analysis Run 12/17/2025 1:19 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-8
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									5.99
7/19/2016	5.43	6.285413			5.336672	7.154587	5.430599	7.250493	
7/20/2016			5.656628	7.281557					6.194334
9/13/2016	5.22	6.3	5.63	7.15		7.96	5.57	7.18	
9/14/2016					7.29				
9/15/2016									6.38
11/9/2016	5.57	6.26				7.27		6.03	
11/10/2016			5.61	6.33			6.93		
11/14/2016									5.7
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	
2/6/2017									5.66
3/13/2017	5.4	6.18							
3/14/2017			5.53	6.75	5.86		5.82	6.45	
3/15/2017									5.77
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									5.39
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									5.59
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									5.46
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									5.43
6/13/2018	5.33				5.13	7.78		6.31	
6/14/2018		6.02	5.58	6.67			5.39		5.76
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									5.39
2/25/2019	5.25	6.02							
2/26/2019			5.6	6.74	5.21	7.87	5.62	7.66	
2/27/2019									5.55
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									5.55
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									5.39
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	

Time Series

Constituent: pH, Field (SU) Analysis Run 12/17/2025 1:19 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-8
2/7/2020									5.376234
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									6.43
9/21/2020		6.05	5.35	6.81					
9/22/2020	5.09				6.78	7.4	5.36	7.18	5.17
2/2/2021	5.36	6.1	5.78	6.61			5.84	6.48	
2/3/2021					5.3	7.76			5.08
3/10/2021		6.11	5.49	7.19	5.22		4.96	5.8	
3/11/2021	5.26					7.93			5.35
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									5.36
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	5.21
8/15/2022	5.28	6.04			6.54	7.76			
8/16/2022			5.46	6.92			5.32	6.19	5.4
2/14/2023	5.37	6.06	5.49		5.3	7.78	5.44	5.89	
2/15/2023				7.21					
2/16/2023									5.22
8/14/2023	5.09	6.06							
8/15/2023			5.17	6.47	6.6	7.93	5.49	6.01	5.43
2/13/2024	5.46	5.97	5.52	7.1		7.75	6.19	5.84	5.31
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									5.38
2/10/2025	5.4	6.44	5.25						
2/11/2025				7.58		8.01	6.08	5.74	5.23
8/12/2025	4.54	6.08	5.28	7		7.76		5.96	
8/13/2025							4.98		
8/14/2025									5.26

Time Series

Constituent: pH, Field (SU) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
5/18/2016		8.96					7.75	6.06	6.41
5/19/2016	6.31		5.93	6.91	6.85				
7/19/2016							7.876073	5.88	
7/20/2016	6.345061	8.56774	5.97	6.962608	6.705264				6.662463
9/1/2016				6.96					
9/14/2016	6.33				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					
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							
2/8/2017						5.81			
2/23/2017						5.8			
3/14/2017							7.57		6.27
3/15/2017	5.99	6.82	5.97	6.3	6.75			5.39	
3/17/2017						5.97			
4/11/2017						6.18			
4/25/2017							7.47	5.28	6.36
4/26/2017	6.03	6.73	6.17	6.67	6.57	6.09			
5/17/2017						6.26			
6/7/2017						6.21			
7/11/2017						6			
8/9/2017					6.55		7.37	5.46	6.47
8/10/2017	5.86	6.66	6.05	6.7					
10/11/2017						6.97	7.42	5.45	6.47
10/12/2017	6.09	6.67	6.89	6.89	6.67				
3/29/2018	5.89		6.85	7.08	6.99	6.51		5.33	
3/30/2018		6.98					7.48		6.71
6/14/2018	6.47	6.56	5.89	6.73	6.39	5.76	7.5	5.35	6.15
10/3/2018							7.11		
10/4/2018	6.17	6.4	5.81	6.79	6.5	5.97		5.28	6.14
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	6.54								
4/3/2019	6.1		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
9/19/2019	6.38	6.45	5.82	6.63					
2/5/2020	6.536418	6.415246	5.891838	6.763076	6.440089	5.523207			
2/7/2020							7.657187	5.168839	6.341561
3/18/2020		6.4	5.89	6.93			7.73	5.08	6.3
3/19/2020	6.64				6.56	5.49			
9/23/2020	5.8	6.14		6.42			7.35	5.05	5.89
9/24/2020			5.5		6.29	5.16			
2/3/2021			5.21	6.15					
2/4/2021	6.22	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
3/12/2021	5.88		5.46	6.66			7.72		
8/25/2021			5.66	6.69	6.27	5.39		5.25	6.09
8/26/2021	5.84	6.31					7.58		
3/3/2022	5.86	6.36	5.59		6.31	5.4	7.61	5.22	

Time Series

Constituent: pH, Field (SU) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
3/4/2022				6.79					6.21
8/16/2022			5.56						6.02
8/17/2022	5.8						7.54	5.24	
8/18/2022				6.52	6.15				
8/19/2022		6.2				5.25			
2/15/2023	5.86						7.72	5.19	
2/16/2023		6.39	5.69	6.61	6.27	5.4			6.28
8/15/2023								5.07	
8/16/2023	5.78		5.19	6.1	6.22	5.17	7.41		6.13
8/17/2023		6.49							
2/14/2024	6.13			6.67					
2/15/2024		6.41			6.3	5.18	7.88	5.31	6.16
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
8/1/2024	5.77								
8/2/2024						5.09			
2/11/2025	5.86		5.54	6.63					6.26
2/12/2025					6.32	5.44		5.42	
2/13/2025		6.27					7.87		
8/13/2025							7.91		5.76
8/14/2025					5.93	5.03		5.26	
8/15/2025				6.69					
8/18/2025			5.26						
8/19/2025	6.05	6.45							

Time Series

Constituent: pH, Field (SU) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
11/11/2016	6.93								
2/6/2017	6.8								
3/15/2017	6.78								
4/11/2017	6.79								
4/26/2017	6.82								
6/7/2017	6.76								
7/11/2017	6.99								
8/10/2017	6.59								
10/12/2017	6.7								
3/29/2018	6.88								
6/14/2018	6.72								
10/4/2018	6.67								
2/28/2019	6.98								
4/2/2019	6.75								
9/18/2019	6.71								
2/7/2020	7.078448								
5/4/2020	6.9								
9/23/2020	6.59								
2/3/2021	6.75								
3/8/2021		5.54					5.36		
3/9/2021			7.29	5.56	5.81	4.29			
3/11/2021	7.12								
4/7/2021			7.05		5.57	4.43			
4/8/2021		5.6		6.01			5.39		
8/26/2021	6.66	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	6.69		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	6.6				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	6.8	5.17	6.92					5.91	
8/11/2023		5.31						6.07	
8/15/2023							5.97		
8/16/2023	6.44								
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	6.87		6.7		5.62		6.24	6.23	
7/31/2024	6.54	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
2/13/2025	6.7		6.63		5.58	4.49			

Time Series

Constituent: pH, Field (SU) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
8/13/2025							5.58		
8/14/2025	6.67	5.33							6.66
8/18/2025				5.39		4.57		6.08	
8/19/2025			6.73		5.34				
11/13/2025									6.91 (R)

Time Series

Constituent: pH, Field (SU) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-1	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D
10/16/2018		7.17							
10/18/2018	7.61								
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	7.45	6.41							
2/13/2025			6.4						
8/13/2025			6.1						
8/14/2025	6.65								
8/19/2025		6.73							
8/20/2025				5.38		5.71	5.11	5.21	
8/21/2025					7.91				5.69

Time Series

Constituent: pH, Field (SU) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-34S	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S
8/20/2025								5.19	
8/21/2025					6.52		4.21		6.14
8/25/2025	5.7								
8/26/2025		6.67	6.73	5.83					
8/27/2025						5.98			

Time Series

Constituent: pH, Field (SU) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-39	WGWC-40	WGWC-41	WGWC-42
8/20/2025		5		5.07
8/21/2025	4.72		5.45	

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/17/2025 1:19 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-8
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									0.00518 (J)
7/19/2016	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005	
7/20/2016			<0.005	<0.005					0.0038
9/13/2016	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	
9/14/2016					<0.005				
9/15/2016									0.0034
11/9/2016	<0.005	<0.005				<0.005		<0.005	
11/10/2016			<0.005	<0.005			<0.005		
11/14/2016									0.0033
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	
2/6/2017									0.0033
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									0.003
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									0.0032
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									0.0031
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									0.0034
6/13/2018	<0.005				0.00025 (J)	<0.005		<0.005	
6/14/2018		<0.005	<0.005	0.00032 (J)			<0.005		0.0031
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									0.0033
2/25/2019	<0.005	<0.005							
2/26/2019			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
2/27/2019									0.0035
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									0.0031
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									0.0021 (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	
2/7/2020									0.0048 (J)
3/16/2020	<0.005	0.0026 (J)							
3/17/2020			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/17/2025 1:19 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-8
3/19/2020									0.0037 (J)
9/21/2020		<0.005	<0.005	<0.005					
9/22/2020	<0.005				<0.005	<0.005	<0.005	<0.005	0.0039 (J)
2/2/2021	<0.005	<0.005	<0.005	<0.005			<0.005	<0.005	
2/3/2021					<0.005	<0.005			0.0036 (J)
3/10/2021		<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	
3/11/2021	<0.005					<0.005			0.0038 (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									0.0037 (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	0.0038 (J)
8/15/2022	<0.005	<0.005			<0.005	<0.005			
8/16/2022			<0.005	<0.005			<0.005	<0.005	0.0075
2/14/2023	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	
2/15/2023				<0.005					
2/16/2023									0.0033 (J)
8/14/2023	<0.005	<0.005							
8/15/2023			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0037 (J)
2/13/2024	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	0.007
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									0.0071
2/10/2025	<0.005	<0.005	<0.005						
2/11/2025				<0.005		<0.005	<0.005	<0.005	0.0048 (J)
8/12/2025	<0.005	<0.005	<0.005	<0.005		<0.005		<0.005	
8/13/2025							<0.005		
8/14/2025									0.0062

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
5/18/2016		<0.005					<0.005	0.00735 (J)	<0.005
5/19/2016	0.00228 (J)		<0.005	<0.005	<0.005				
7/19/2016							<0.005	0.0075	
7/20/2016	0.0016	<0.005	<0.005	<0.005	<0.005				<0.005
9/14/2016	0.0024	<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					
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							
2/8/2017						<0.005			
2/9/2017	0.0023								
2/23/2017						<0.005			
3/14/2017							<0.005		<0.005
3/15/2017	0.0031	<0.005	<0.005	<0.005	<0.005			0.012	
3/17/2017						<0.005			
4/11/2017	0.0023					<0.005			
4/25/2017							<0.005	0.013	<0.005
4/26/2017	0.0019	<0.005	<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		<0.005	0.016	<0.005
8/10/2017	0.0021	0.00031 (J)	0.00049 (J)	0.0021					
3/29/2018	0.0021		<0.005	<0.005	<0.005	0.0003 (J)		0.016	
3/30/2018		<0.005					<0.005		<0.005
6/14/2018	0.0025	<0.005	<0.005	<0.005	<0.005	<0.005	0.0005 (J)	0.012	<0.005
10/3/2018							<0.005		
10/4/2018	0.002	<0.005	<0.005	<0.005	<0.005	<0.005		0.013	<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	0.0027								
4/3/2019	0.0019		<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
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	<0.005			
2/7/2020							<0.005	0.0036 (J)	<0.005
3/18/2020		<0.005	<0.005	<0.005			<0.005	0.0046 (J)	<0.005
3/19/2020	0.0033 (J)				<0.005	<0.005			
9/23/2020	0.0029 (J)	<0.005		<0.005			<0.005	0.0028 (J)	<0.005
9/24/2020			<0.005		<0.005	<0.005			
2/3/2021			<0.005	<0.005					
2/4/2021	0.003 (J)	<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
3/12/2021	0.0034 (J)		<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	0.0028 (J)	<0.005					<0.005		
3/3/2022	0.0021 (J)	<0.005	<0.005		<0.005	<0.005	<0.005	0.0018 (J)	
3/4/2022				<0.005					<0.005
8/16/2022			<0.005						<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
8/17/2022	0.0022 (J)						<0.005	<0.005	
8/18/2022				<0.005	<0.005				
8/19/2022		<0.005				<0.005			
2/15/2023	0.0037 (J)						<0.005	0.0019 (J)	
2/16/2023		<0.005	<0.005	<0.005	<0.005	<0.005			<0.005
8/15/2023								0.0018 (J)	
8/16/2023	0.0036 (J)		<0.005	<0.005	<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	<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
8/1/2024	0.0032 (J)								
8/2/2024						<0.005			
2/11/2025	0.0029 (J)		<0.005	<0.005					<0.005
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		<0.005	
8/15/2025				<0.005					
8/18/2025			<0.005						
8/19/2025	0.0026 (J)	<0.005							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
11/11/2016	<0.005								
2/6/2017	<0.005								
3/15/2017	<0.005								
4/11/2017	<0.005								
4/26/2017	<0.005								
6/7/2017	<0.005								
7/11/2017	<0.005								
8/10/2017	0.00036 (J)								
3/29/2018	<0.005								
6/14/2018	<0.005								
10/4/2018	<0.005								
2/28/2019	<0.005								
4/2/2019	<0.005								
9/18/2019	<0.005								
2/7/2020	<0.005								
5/4/2020	<0.005								
9/23/2020	<0.005								
2/3/2021	<0.005								
3/11/2021	<0.005								
8/26/2021	<0.005	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		<0.005			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	<0.005				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	<0.005	0.0017 (J)	<0.005					<0.005	
8/11/2023		0.0016 (J)						<0.005	
8/15/2023							<0.005		
8/16/2023	<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		<0.005		0.003 (J)		<0.005	<0.005	
7/31/2024	<0.005	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
2/13/2025	<0.005		<0.005		0.0031 (J)	<0.005			
8/13/2025							<0.005		
8/14/2025	<0.005	0.0032 (J)							0.0066
8/18/2025				0.0025 (J)		<0.005		<0.005	
8/19/2025			<0.005		<0.005				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-1	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D
10/16/2018		<0.005							
10/18/2018	<0.005								
8/17/2023			<0.005						
2/15/2024			<0.005						
8/1/2024			<0.005						
2/12/2025	<0.005	<0.005							
2/13/2025			<0.005						
8/13/2025			<0.005						
8/14/2025	<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

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-34S	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S
8/20/2025								0.14	
8/21/2025					0.018		<0.005		<0.005
8/25/2025	<0.005								
8/26/2025		<0.005	<0.005	<0.005					
8/27/2025						<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-39	WGWC-40	WGWC-41	WGWC-42
8/20/2025		<0.005		<0.005
8/21/2025	<0.005		<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/17/2025 1:19 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-8
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									146
7/19/2016	<1	1.4			0.76 (J)	9	<1	14	
7/20/2016			0.82 (J)	6.5					150
9/13/2016	<1	1.1	0.81 (J)	5.6		8.5	<1	11	
9/14/2016					3.4				
9/15/2016									140
11/9/2016	<1	1.1				8.2		6.3	
11/10/2016			0.73 (J)	5.4			<1		
11/14/2016									160
1/17/2017	<1	2.1							
1/18/2017			0.99 (J)	5.1		9.4	1.4		
1/19/2017					21			7.4	
2/6/2017									180
3/13/2017	<1	0.97 (J)							
3/14/2017			0.83 (J)	4.6	1.4	2	<1	10	
3/15/2017									170
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									180
8/8/2017	<1	1.1	0.82 (J)			8.5	<1	12	
8/9/2017				7.3	0.75 (J)				
8/10/2017									180
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									180
3/27/2018	<1	0.72 (J)							
3/28/2018			<1	6.8	0.88 (J)	8.1	<1	12	
3/29/2018									180
6/13/2018	<1				<1	8.3		8.2	
6/14/2018		0.84 (J)	<1	6.9			<1		170
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									780
4/1/2019	<1	1							
4/2/2019			1.1	8.1	0.94 (J)	8.5	0.4 (J)	11	
4/3/2019									180
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									190
3/16/2020	0.42 (J)	1.3							
3/17/2020			1.2	12	4	12	0.86 (J)	8.5	
3/19/2020									200
9/21/2020		1.1	0.77 (J)	7.7					
9/22/2020	<1				1.5	8	0.38 (J)	9	200
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 12/17/2025 1:19 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-8
3/11/2021	<1					8.4			220
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									220
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	250
8/15/2022	<1	0.54 (J)			1.6	7.5			
8/16/2022			0.52 (J)	6.9			<1	7.2	220
2/14/2023	<1	0.66 (J)	0.65 (J)		0.66 (J)	7.9	<1	7.3	
2/15/2023				7.8					
2/16/2023									250
8/14/2023	<1	0.74 (J)							
8/15/2023			0.71 (J)	7.4	1.2	7.3	0.45 (J)	6.8	240
2/13/2024	<1	0.64 (J)	0.68 (J)	6.2		6.7	0.56 (J)	5.1	190
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									250
2/10/2025	<1	1.1	1.1						
2/11/2025				8.1		7.9	0.7 (J)	8.4	280
8/12/2025	<1	1.4	<1	8.7		6.3		6	
8/13/2025							<1		
8/14/2025									260

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
5/18/2016		2.84					50.7	388	32.1
5/19/2016	35.9		1.83	15.8	19.2				
7/19/2016							62	460	
7/20/2016	37	2.8	1.6	16	11				9.7
9/14/2016	39	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					
1/20/2017									5.3
1/24/2017							34	600	
1/27/2017			2.5	15	6.8				
2/6/2017		2.7							
2/8/2017						4.3			
2/9/2017	60								
2/23/2017						16			
3/14/2017							43		9.6
3/15/2017	44	2.7	2.5	17	11			610	
3/17/2017						22			
4/11/2017	36					13			
4/25/2017							39	620	20
4/26/2017	37	2.5	2.2	15	8.1	20			
5/17/2017						12			
6/7/2017						8.1			
7/11/2017						17			
8/9/2017					8.1		35	780	6.5
8/10/2017	38	2.2	2.3	16					
10/11/2017						3.4	48	720	13
10/12/2017	37	1.9	1.9	14	6.1				
3/29/2018	37		2.2	16	6.5	4.6		700	
3/30/2018		1.9					42		16
6/14/2018	37	2	1.7	14	5	5.8	44	620	16
10/3/2018							49		
10/4/2018	38	1.9	1.6	14	4.3	2.8		560	15
4/3/2019	41		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
9/19/2019	42	2.1	1.3	14					
3/18/2020		2.1	1.6	12			17	120	4.2
3/19/2020	45				4	1.5			
9/23/2020	54	1.8		12			21	85	4.4
9/24/2020			2.7		0.63 (J)	1.2			
3/11/2021		2.8			2.9	1.7		64	3.9
3/12/2021	62		2	14			19		
8/25/2021			1.1	13	1.8	<1		63	3.3
8/26/2021	52	1.8					16		
3/3/2022	58	2	2.3		3	1.3	18	57	
3/4/2022				14					3.6
8/16/2022			0.98 (J)						3.4
8/17/2022	50						14	49	
8/18/2022				11	1.7				
8/19/2022		1.6				<1			
2/15/2023	65						14	54	
2/16/2023		1.8	1	2.8	2.3	0.47 (J)			2.6

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
8/15/2023								52	
8/16/2023	50		1	12	2.1	0.52 (J)	13		2.6
8/17/2023		1.7							
2/14/2024	37			8.8					
2/15/2024		3.2			4.3	1.2	16	50	5.4
2/16/2024			2.1						
7/30/2024								41	
7/31/2024		1.9	1	12	2.2		14		3
8/1/2024	50								
8/2/2024						0.6 (J)			
2/11/2025	26		0.41 (J)	13					3.4
2/12/2025					2.6	0.45 (J)		40	
2/13/2025		1.9					13		
8/13/2025							14		3.8
8/14/2025					2.9	0.8 (J)		38	
8/15/2025				13					
8/18/2025			1.5						
8/19/2025	47	2.1							

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
11/11/2016	3.4								
2/6/2017	3.7								
3/15/2017	3.6								
4/11/2017	3.2								
4/26/2017	3.3								
6/7/2017	3.8								
7/11/2017	3.3								
8/10/2017	3.7								
10/12/2017	3.6								
3/29/2018	3.4								
6/14/2018	3.5								
10/4/2018	4.6								
4/2/2019	3.8								
9/18/2019	3.6								
5/4/2020	4.5								
9/23/2020	3								
3/8/2021		240					4.7		
3/9/2021			230	80	14	140			
3/11/2021	4								
4/7/2021			190		5.1	160			
4/8/2021		240		60			5.8		
8/26/2021	3.5	290	190	100	7.5	170	13		
1/11/2022			260	140	5.3	160	21		
1/12/2022		360							
3/3/2022	4.8		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	2.8				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	3	350	340					29	
8/11/2023		330						31	
8/15/2023							19		
8/16/2023	2.6								
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	5.7		420		8.7		21	37	
7/31/2024	3.2	380			5.6	43	22		
8/1/2024			320					26	490
8/2/2024				55					
2/12/2025		470		66			17	27	300
2/13/2025	3.3		350		7.3	79			
8/13/2025							4.2		
8/14/2025	3.3	380							720
8/18/2025				54		35		20	

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
8/19/2025			320		6.5				
11/13/2025									670 (R)

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-1	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D
10/16/2018		9.5							
10/18/2018	3.7								
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							
1/8/2025	3.5								
2/12/2025	37	4.1							
2/13/2025			24						
8/13/2025			41						
8/14/2025	4.3								
8/19/2025		6.7							
8/20/2025				<1		2.1	34	250	
8/21/2025					24				380

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-34S	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S
8/20/2025								1300	
8/21/2025					16		9.1 (J)		16 (J)
8/25/2025	<1								
8/26/2025		5.4	7.9	3.7					
8/27/2025						35			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-39	WGWC-40	WGWC-41	WGWC-42
8/20/2025		<1		2
8/21/2025	<1		37	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 12/17/2025 1:19 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-8
5/17/2016	<10	100						112	
5/18/2016			29	101	33	113	31		
5/19/2016									311
7/19/2016	14	84			<5	92	<5	80	
7/20/2016			<5	86					290
9/13/2016	50	70	12	28		100	<5	120	
9/14/2016					150				
9/15/2016									270
11/9/2016	22	110				130		76	
11/10/2016			30	110			44		
11/14/2016									320
1/17/2017	8	120							
1/18/2017			22	98		120	50		
1/19/2017					34			36	
2/6/2017									330
3/13/2017	<10	58							
3/14/2017			22	110	32	110	26	70	
3/15/2017									370
4/24/2017	10	94							
4/25/2017			22	86	22	100	10	70	
4/26/2017									380
8/8/2017	<10	62	4 (J)			90	<5	72	
8/9/2017				92	20				
8/10/2017									380
8/25/2017					<5				
10/10/2017	44	140							
10/11/2017			10	110	4 (J)	98	42	90	
10/12/2017									450
3/27/2018	18	92							
3/28/2018			34	110	12	130	6	120	
3/29/2018									500
6/13/2018	24				<5	110		38	
6/14/2018		80	26	92			14		410
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									520
4/1/2019	<10	63							
4/2/2019			28	100	25	110	15	100	
4/3/2019									430
9/16/2019	27				41	110			
9/17/2019		120		120				76	
9/18/2019			36				35		
9/19/2019									440
3/16/2020	23	90							
3/17/2020			20	100	18	120	19	81	
3/19/2020									540
9/21/2020		100	22	92					
9/22/2020	24				190	130	15	96	600
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 12/17/2025 1:19 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-8
3/11/2021	24					110			530
8/23/2021		110							
8/24/2021	32			110	150	120	24		
8/25/2021			21					92	
8/26/2021									550
2/28/2022				95					
3/1/2022	30	92	31		23	140			
3/3/2022							17	43	530
8/15/2022	45	100			140	120			
8/16/2022			30	110			22	60	580
2/14/2023	34	100	27		24	120	24	42	
2/15/2023				100					
2/16/2023									590
8/14/2023	37	110							
8/15/2023			34	110	82	130	29	56	680
2/13/2024	36	140	34	110		120	51	43	620
2/16/2024					34				
7/30/2024	34	100	31	100		110	23	63	
8/1/2024									570
2/10/2025	37	120	34						
2/11/2025				110		120	84	46	630
8/12/2025	41	120	38	110		130		62	
8/13/2025							25		
8/14/2025									740

Time Series

Constituent: TDS (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
5/18/2016		70					190	1080	107
5/19/2016	134		39	101	127				
7/19/2016							180	1200	
7/20/2016	120	42	<10	76	88				78
9/14/2016	140	40	24	96	92		230	1300	82
11/10/2016					100		210	1400	98
11/11/2016		72	42	100					
1/20/2017									82
1/24/2017							140	1300	
1/27/2017			18	50	80				
2/6/2017		24							
2/8/2017						54			
2/9/2017	180								
2/23/2017						78			
3/14/2017							220		120
3/15/2017	160	78	54	120	100			1500	
3/17/2017						56			
4/11/2017	120					76			
4/25/2017							180	1700	120
4/26/2017	140	48	42	100	92	76			
5/17/2017						68			
6/7/2017						72			
7/11/2017						68			
8/9/2017					120		180	1900	92
8/10/2017	130	38	30	96					
10/11/2017						68	200	1900	74
10/12/2017	120	72	54	100	110				
3/29/2018	130		62	120	120	48		2200	
3/30/2018		64					210		100
6/14/2018	120	40	16	94	88	52	170	1500	100
10/3/2018							260		
10/4/2018	140	60	56	110	100	130		1700	98
4/3/2019	120		<10	66	72	31			
4/4/2019		30					170	710	89
9/18/2019					110	33	160	520	79
9/19/2019	130	52	27	89					
3/18/2020		58	26	73			160	370	98
3/19/2020	160				95	18			
9/23/2020	150	50		90			150	250	60
9/24/2020			60		21	24			
3/11/2021		52			63	24		190	75
3/12/2021	130		27	78			130		
8/25/2021			32	110	53	30		220	84
8/26/2021	170	60					150		
3/3/2022	140	45	21		71	17	140	170	
3/4/2022				89					55
8/16/2022			33						81
8/17/2022	150						140	170	
8/18/2022				88	89				
8/19/2022		63				26			
2/15/2023	160						130	160	
2/16/2023		54	33	89	81	27			77

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
8/15/2023								160	
8/16/2023	110		33	92	84	29	150		81
8/17/2023		56							
2/14/2024	150			85					
2/15/2024		53			84	31	130	150	79
2/16/2024			31						
7/30/2024								120	
7/31/2024		56	35	92	85		140		83
8/1/2024	150								
8/2/2024						31			
2/11/2025	140		35	96					81
2/12/2025					84	28		120	
2/13/2025		58					140		
8/13/2025							150		86
8/14/2025					90	27		120	
8/15/2025				100					
8/18/2025			31						
8/19/2025	150	42							

Time Series

Constituent: TDS (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
11/11/2016	98								
2/6/2017	36								
3/15/2017	120								
4/11/2017	68								
4/26/2017	76								
6/7/2017	74								
7/11/2017	70								
8/10/2017	66								
10/12/2017	100								
3/29/2018	110								
6/14/2018	74								
10/4/2018	100								
4/2/2019	88								
9/18/2019	96								
5/4/2020	110								
9/23/2020	94								
3/8/2021		590					220		
3/9/2021			610	200	79	370			
3/11/2021	100								
4/7/2021			520		66	510			
4/8/2021		540		170			180		
8/26/2021	94	720	480	240	88	420	200		
1/11/2022			580	270	67	320	220		
1/12/2022		1200							
3/3/2022	98		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	93				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	100	960	630					160	
8/11/2023		910						180	
8/15/2023							180		
8/16/2023	100								
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	100		740		76		130	170	
7/31/2024	97	1200			81	120	210		
8/1/2024			630					170	1700
8/2/2024				170					
2/12/2025		1300		150			170	160	2000
2/13/2025	100		610		140	160			
8/13/2025							280		
8/14/2025	88	930							3600 (o)
8/18/2025				160		110		130	

Time Series

Constituent: TDS (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
8/19/2025			700		76				
11/13/2025									1800 (R)

Time Series

Constituent: TDS (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-1	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D
10/16/2018		110							
10/18/2018	120								
3/9/2021			180						
4/7/2021			410						
8/17/2023			150						
2/15/2024			160						
8/1/2024			200						
12/9/2024		120							
1/8/2025	120								
2/12/2025	130	140							
2/13/2025			150						
8/13/2025			180						
8/14/2025	140								
8/19/2025		110							
8/20/2025				56		78	110	560	
8/21/2025					210				900

Time Series

Constituent: TDS (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-34S	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S
8/20/2025								5900	
8/21/2025					230		1300		330
8/25/2025	19								
8/26/2025		190	210	43					
8/27/2025						190			

Time Series

Constituent: TDS (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-39	WGWC-40	WGWC-41	WGWC-42
8/20/2025		41		47
8/21/2025	36		130	

Time Series

Constituent: Thallium (mg/L) Analysis Run 12/17/2025 1:19 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-8
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)				
9/15/2016									<0.001
11/9/2016	<0.001	<0.001				<0.001		<0.001	
11/10/2016			<0.001	<0.001			<0.001		
11/14/2016									<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	
2/6/2017									<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
4/24/2017	<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	
2/27/2019									<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	
2/7/2020									<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	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 12/17/2025 1:19 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-8
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	<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			<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			<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	<0.001
2/14/2023	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	
2/15/2023				<0.001					
2/16/2023									<0.001
8/14/2023	<0.001	<0.001							
8/15/2023			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/13/2024	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<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		
8/14/2025									<0.001

Time Series

Constituent: Thallium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
5/18/2016		<0.001					<0.001	<0.001	<0.001
5/19/2016	<0.001		<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				<0.001
9/14/2016	<0.001	<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					
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							
2/8/2017						0.00011 (J)			
2/9/2017	<0.001								
2/23/2017						0.00012 (J)			
3/14/2017							<0.001		<0.001
3/15/2017	<0.001	<0.001	<0.001	<0.001	<0.001			0.00021 (J)	
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			
7/11/2017						<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	<0.001	0.0002 (J)		0.00019 (J)	
3/30/2018		8.5E-05 (J)					<0.001		<0.001
6/14/2018	<0.001	<0.001	<0.001	<0.001	<0.001	0.00014 (J)	<0.001	0.00017 (J)	<0.001
10/3/2018							<0.001		
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001	0.00013 (J)		0.00015 (J)	<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								
4/3/2019	<0.001		<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
9/19/2019	<0.001	<0.001	<0.001	<0.001					
2/5/2020	<0.001	<0.001	<0.001	<0.001	<0.001	0.00022 (J)			
2/7/2020							<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				<0.001	0.00017 (J)			
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					
2/4/2021	<0.001	<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
3/12/2021	<0.001		<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
8/16/2022			<0.001						<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17
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	<0.001	
2/16/2023		<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			<0.001					
2/15/2024		<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
8/1/2024	<0.001								
8/2/2024						<0.001			
2/11/2025	<0.001		<0.001	<0.001					<0.001
2/12/2025					<0.001	<0.001		<0.001	
2/13/2025		<0.001					<0.001		
8/13/2025							<0.001		<0.001
8/14/2025					<0.001	<0.001		<0.001	
8/15/2025				<0.001					
8/18/2025			0.00049 (J)						
8/19/2025	<0.001	<0.001							

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
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								
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	<0.001	<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		<0.001			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		<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					<0.001	
8/11/2023		<0.001						<0.001	
8/15/2023							<0.001		
8/16/2023	<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	<0.001	
7/31/2024	<0.001	<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
2/13/2025	<0.001		<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				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-1	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D
10/16/2018		<0.001							
10/18/2018	<0.001								
8/17/2023			<0.001						
2/15/2024			<0.001						
8/1/2024			<0.001						
2/12/2025	<0.001	<0.001							
2/13/2025			<0.001						
8/13/2025			<0.001						
8/14/2025	<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

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-34S	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S
8/20/2025								0.0038	
8/21/2025					<0.001		<0.001		<0.001
8/25/2025	<0.001								
8/26/2025		<0.001	<0.001	<0.001					
8/27/2025						<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 12/17/2025 1:19 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

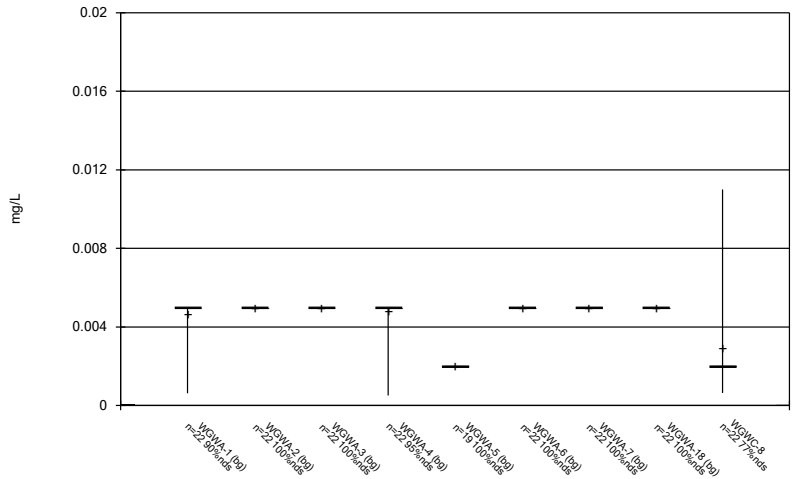
	WGWC-39	WGWC-40	WGWC-41	WGWC-42
8/20/2025		<0.001		<0.001
8/21/2025	<0.001		<0.001	

ND substitution: RL or RL/2 if <15% NDs.

FIGURE B.

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Box & Whiskers Plot

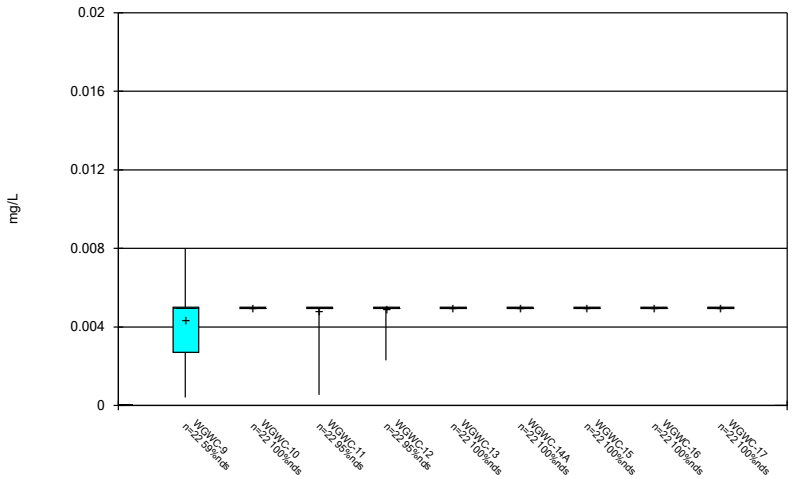


Constituent: Antimony Analysis Run 12/17/2025 1:20 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

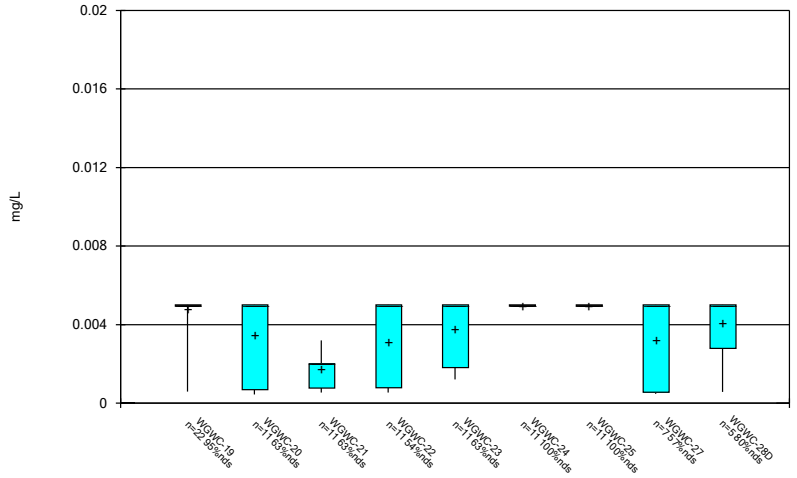


Constituent: Antimony Analysis Run 12/17/2025 1:20 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

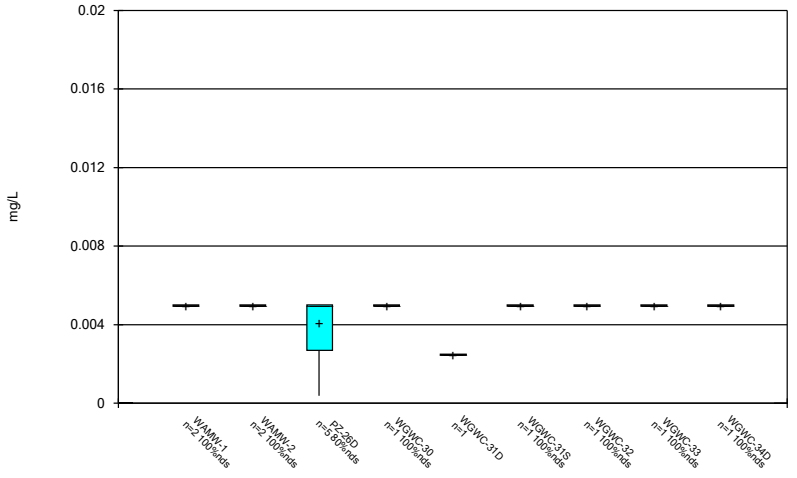


Constituent: Antimony Analysis Run 12/17/2025 1:20 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

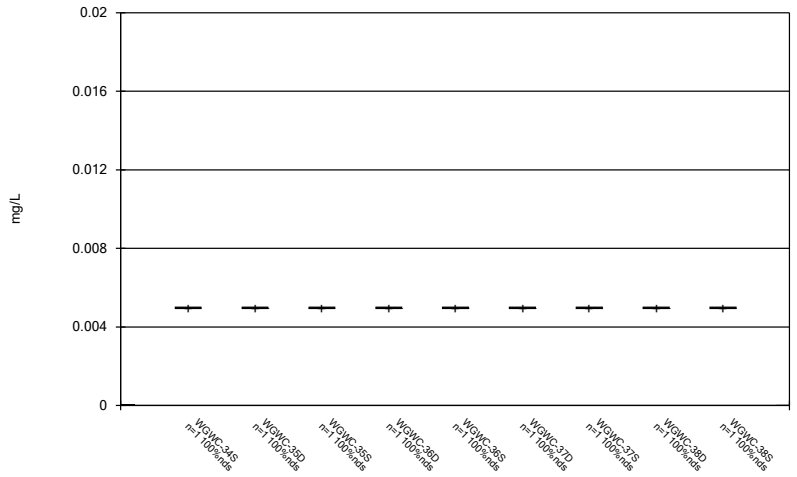


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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

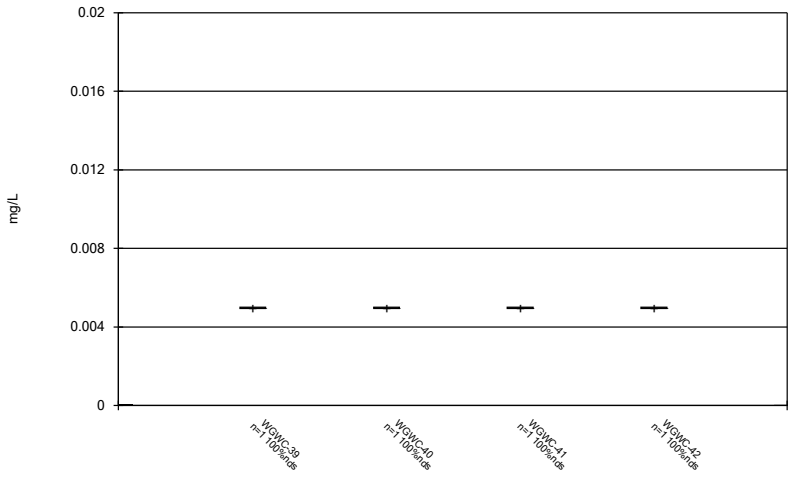
Box & Whiskers Plot



Constituent: Antimony Analysis Run 12/17/2025 1:20 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

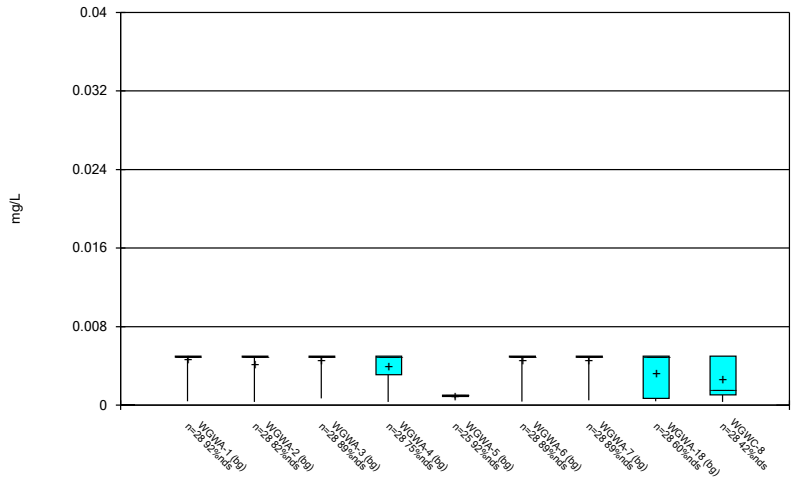
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

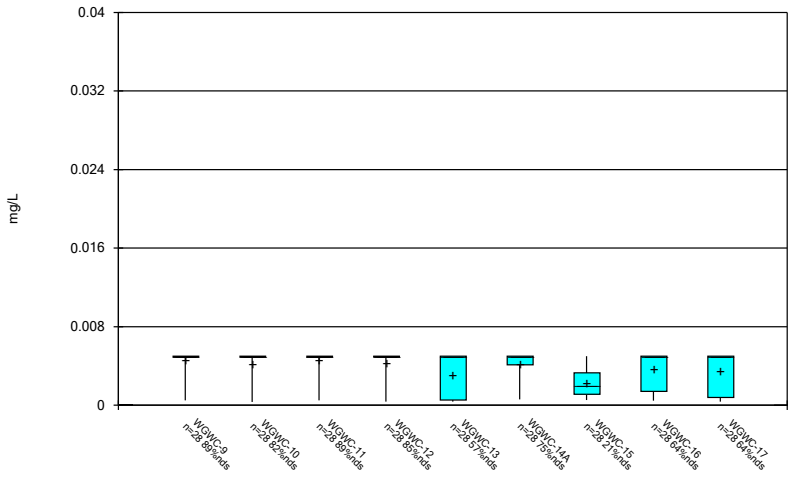
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley AP 1

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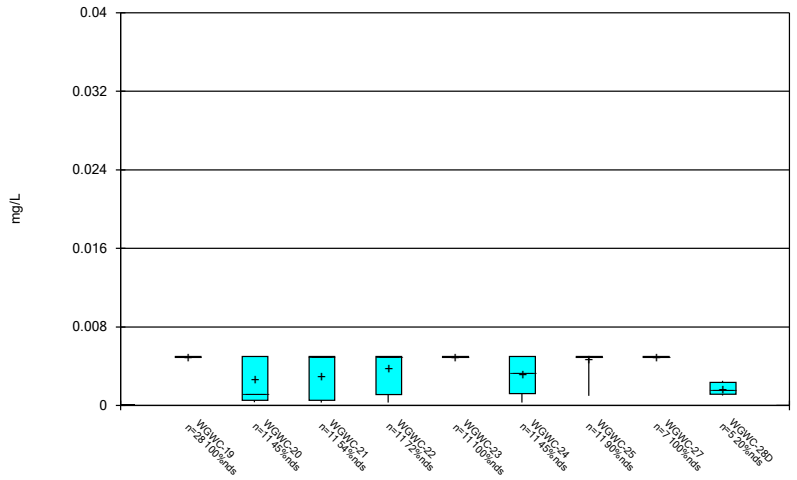
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley AP 1

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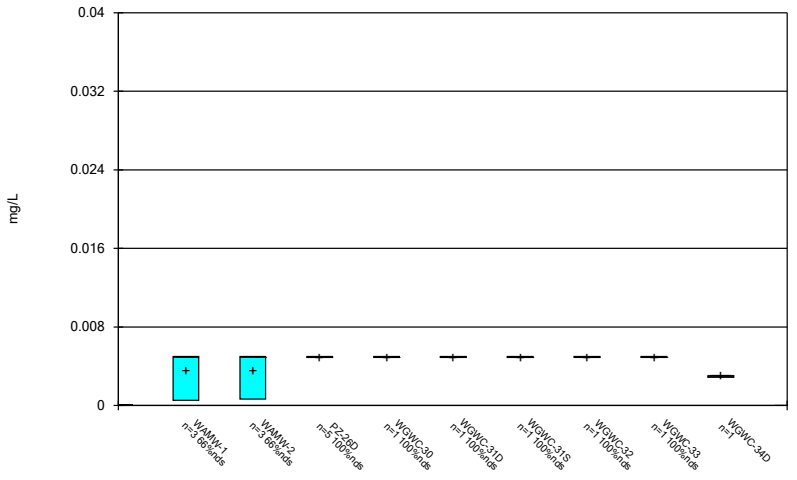
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 12/17/2025 1:20 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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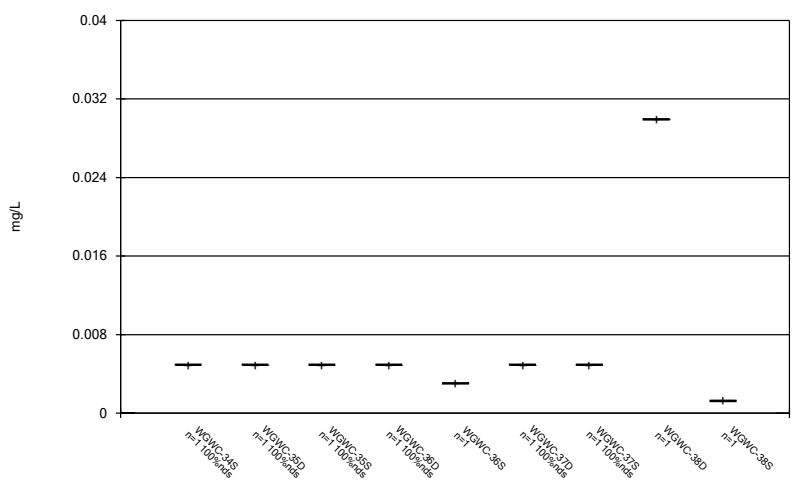
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

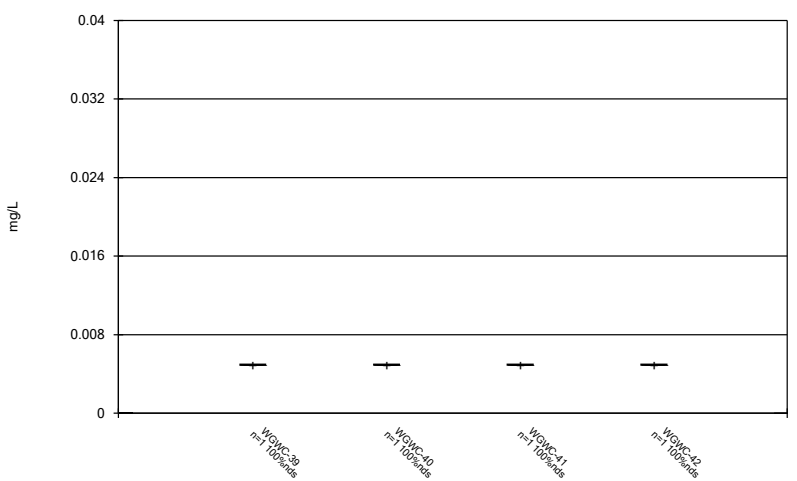
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 12/17/2025 1:20 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

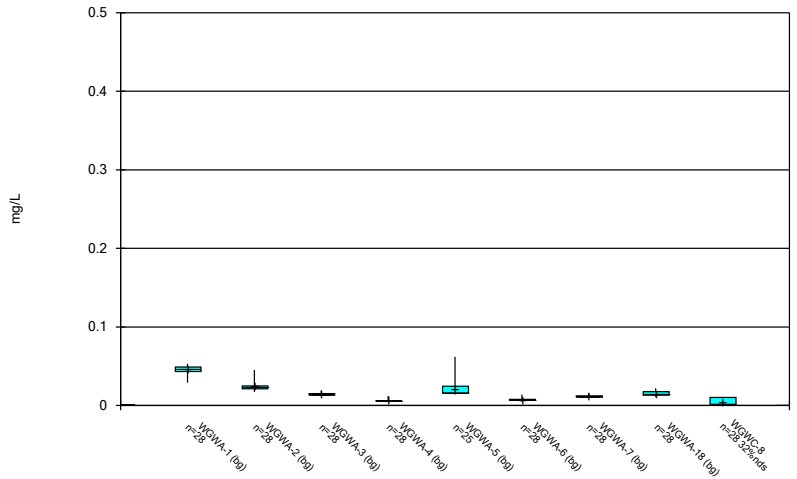
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 12/17/2025 1:20 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

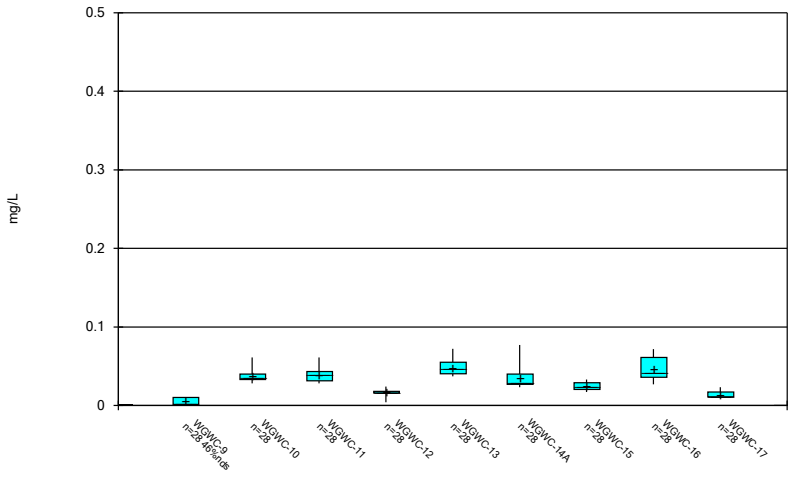


Constituent: Barium Analysis Run 12/17/2025 1:20 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

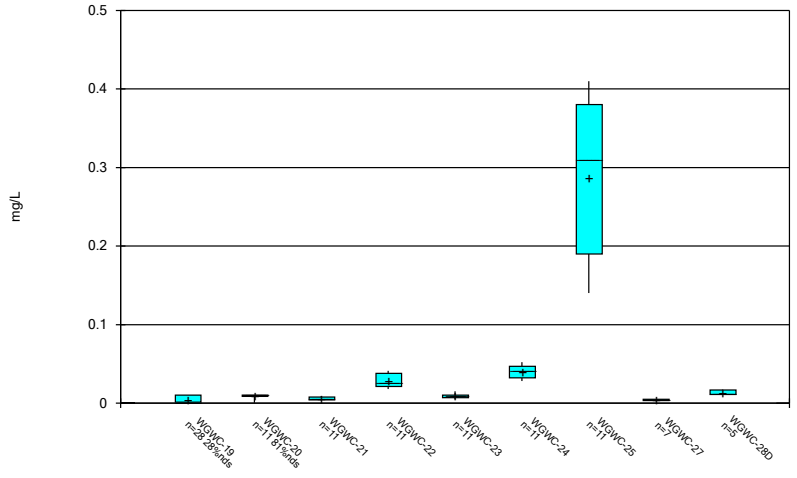


Constituent: Barium Analysis Run 12/17/2025 1:20 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

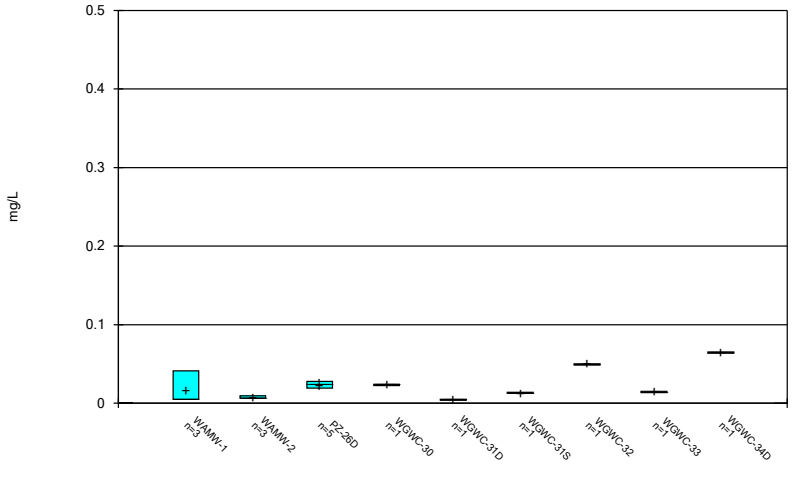


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

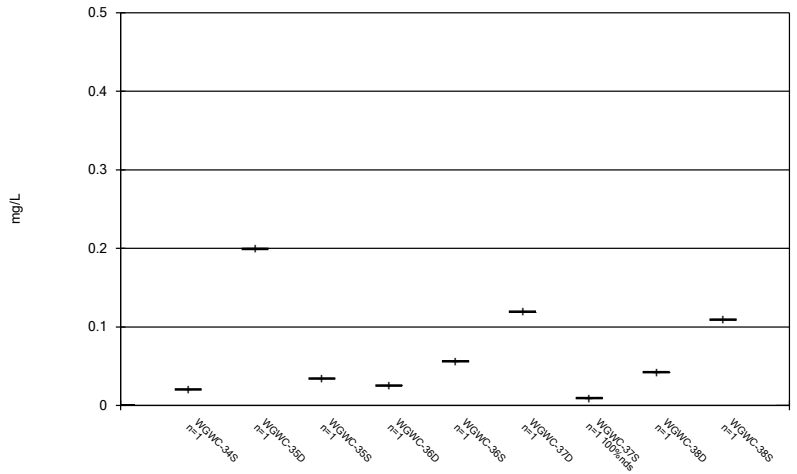


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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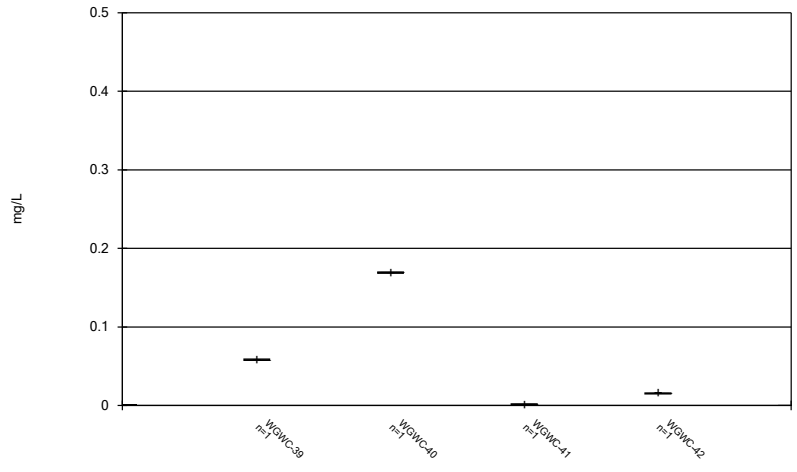
Box & Whiskers Plot



Constituent: Barium Analysis Run 12/17/2025 1:20 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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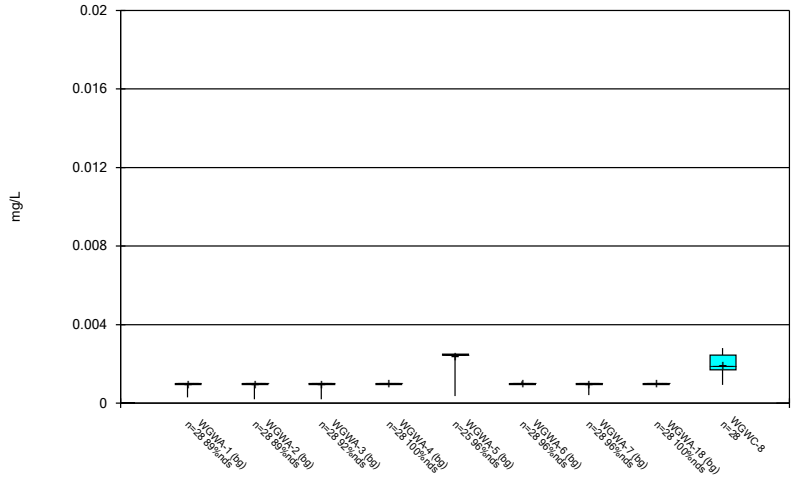
Box & Whiskers Plot



Constituent: Barium Analysis Run 12/17/2025 1:20 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

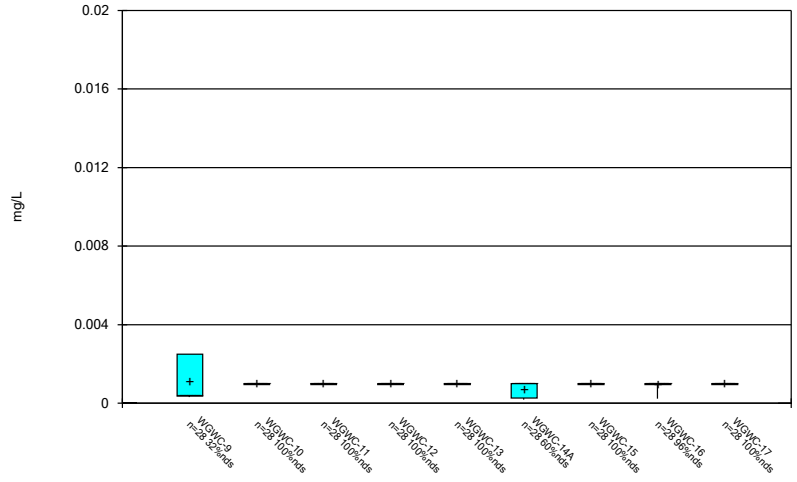
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 12/17/2025 1:20 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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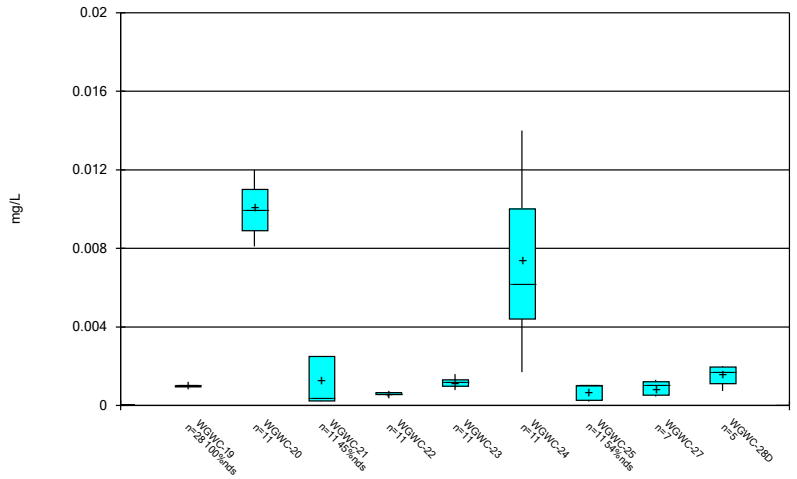
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 12/17/2025 1:20 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

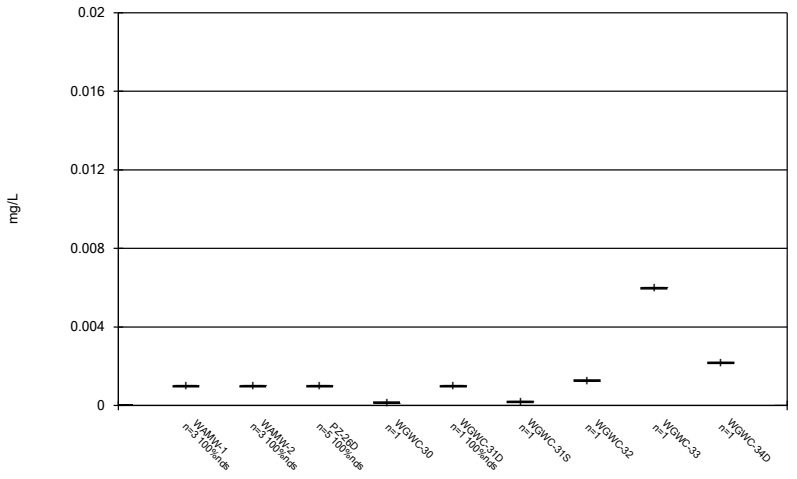


Constituent: Beryllium Analysis Run 12/17/2025 1:20 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

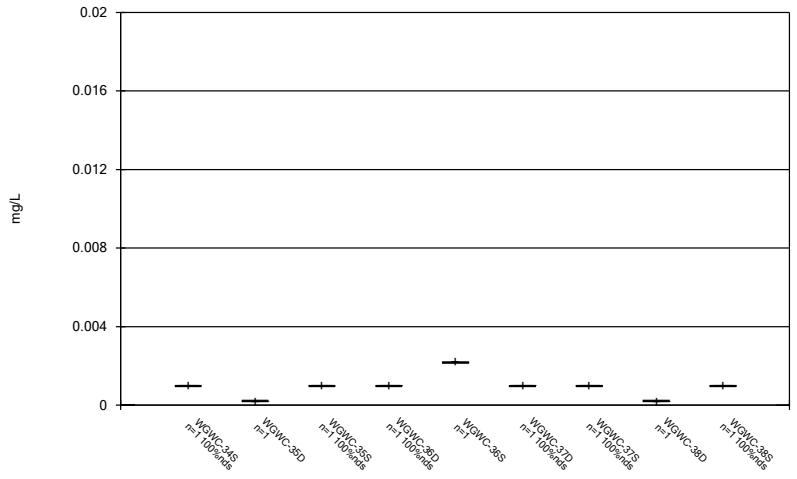


Constituent: Beryllium Analysis Run 12/17/2025 1:20 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

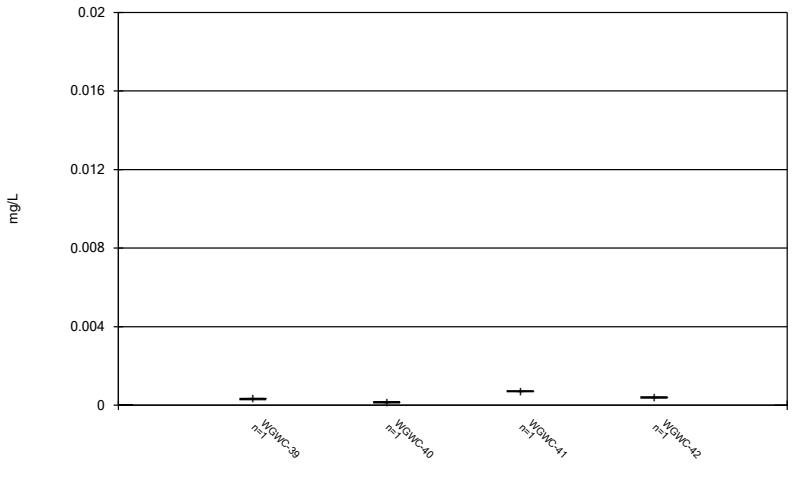


Constituent: Beryllium Analysis Run 12/17/2025 1:20 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

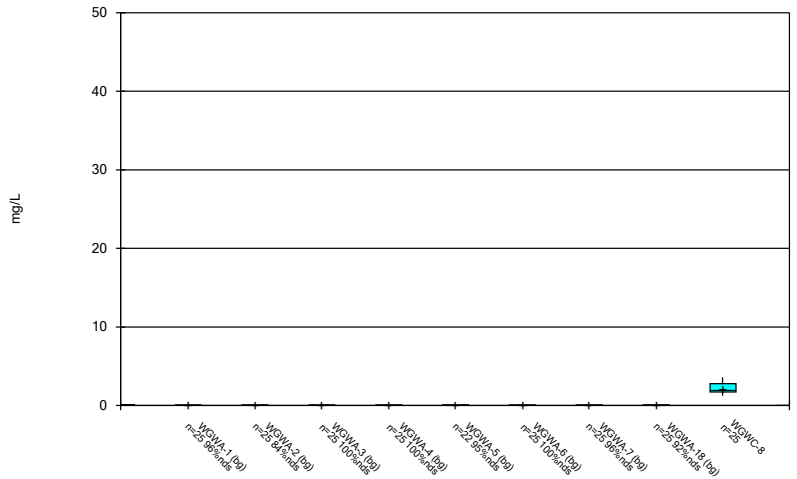


Constituent: Beryllium Analysis Run 12/17/2025 1:20 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

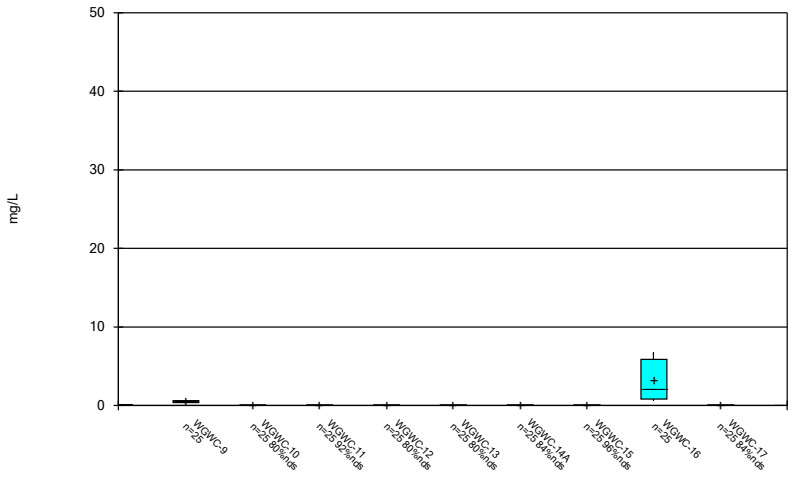


Constituent: Boron Analysis Run 12/17/2025 1:20 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

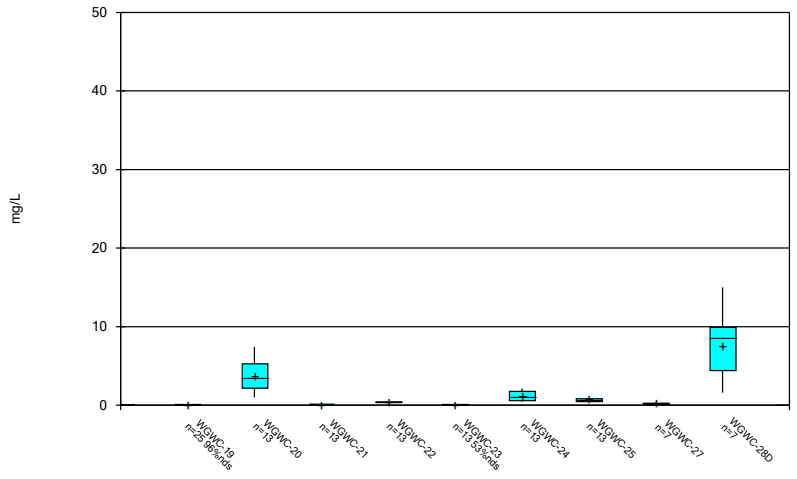


Constituent: Boron Analysis Run 12/17/2025 1:20 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

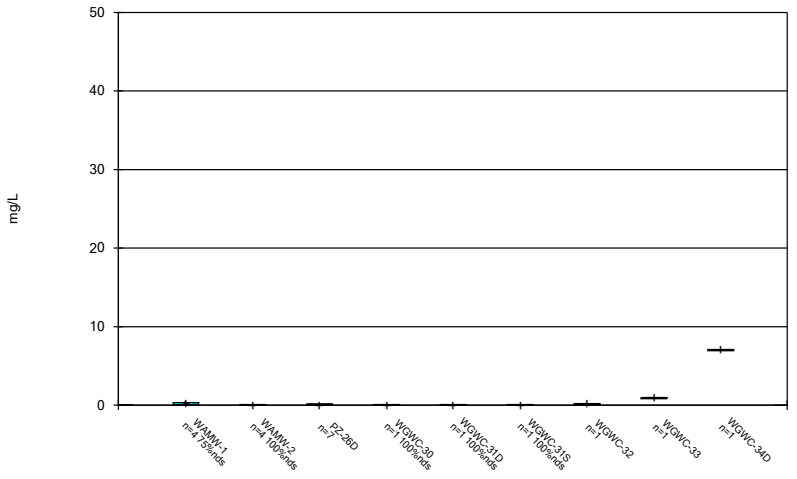


Constituent: Boron Analysis Run 12/17/2025 1:20 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

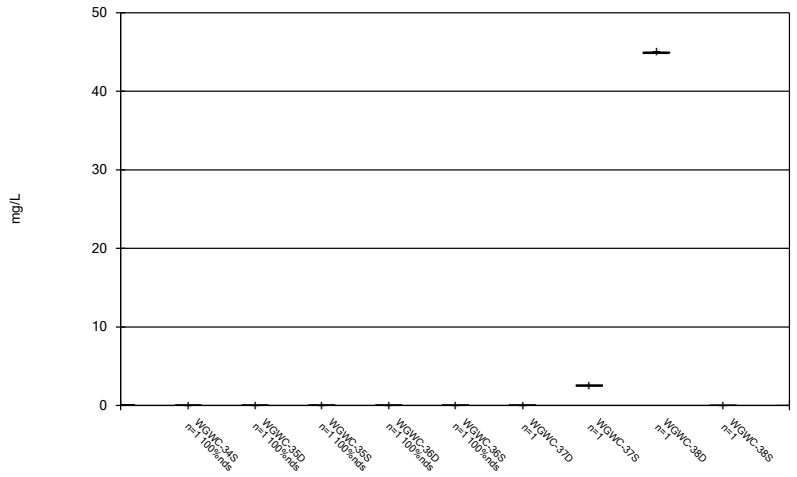


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Box & Whiskers Plot

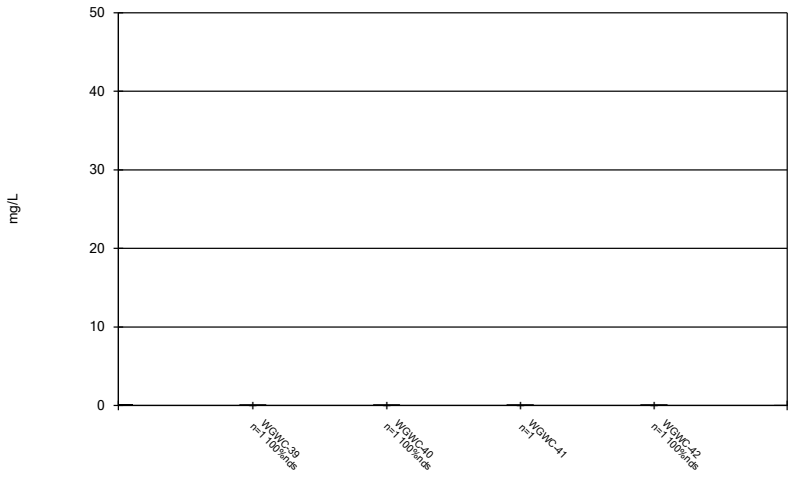


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Box & Whiskers Plot

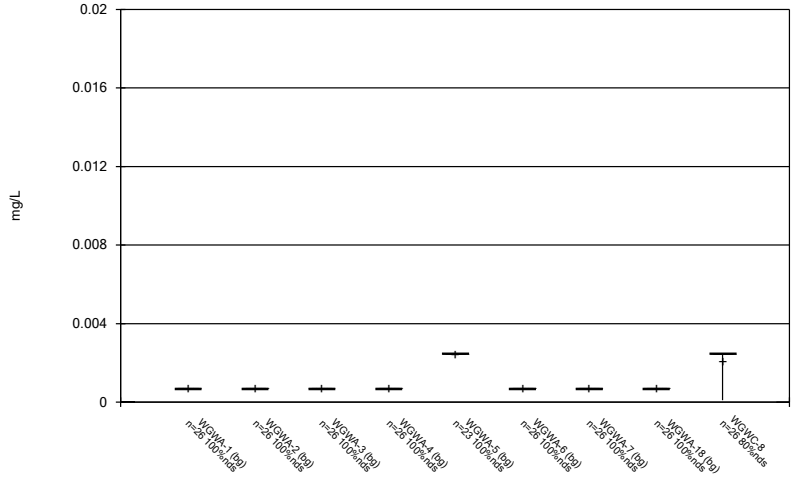


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

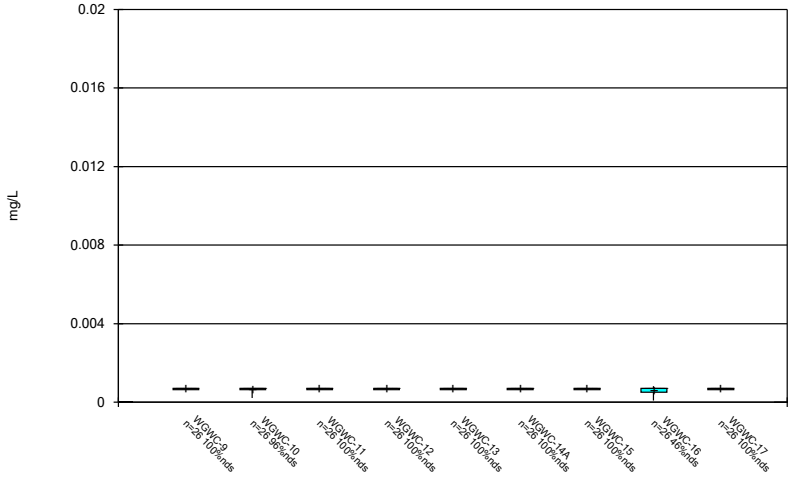


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

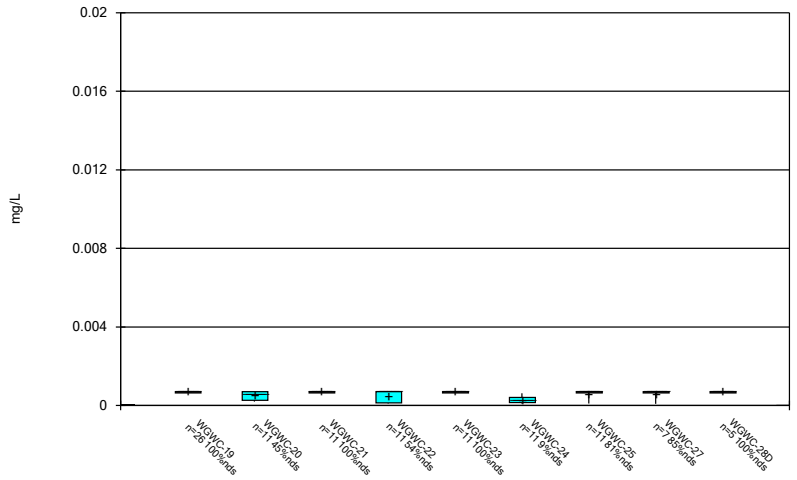


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

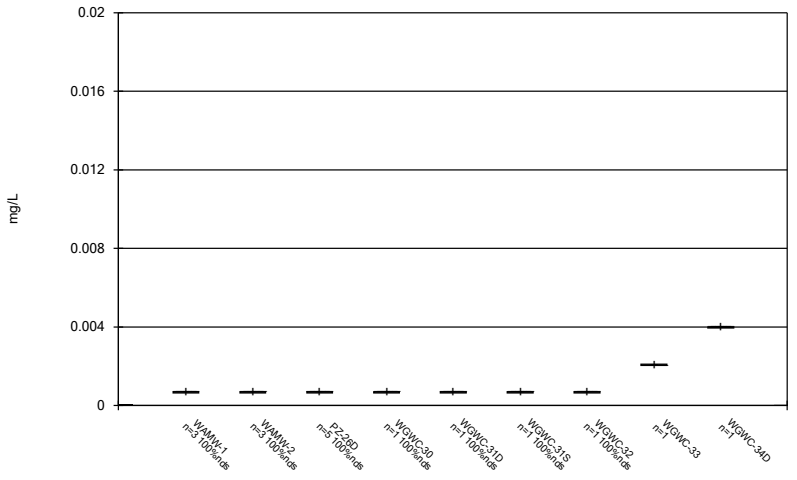


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

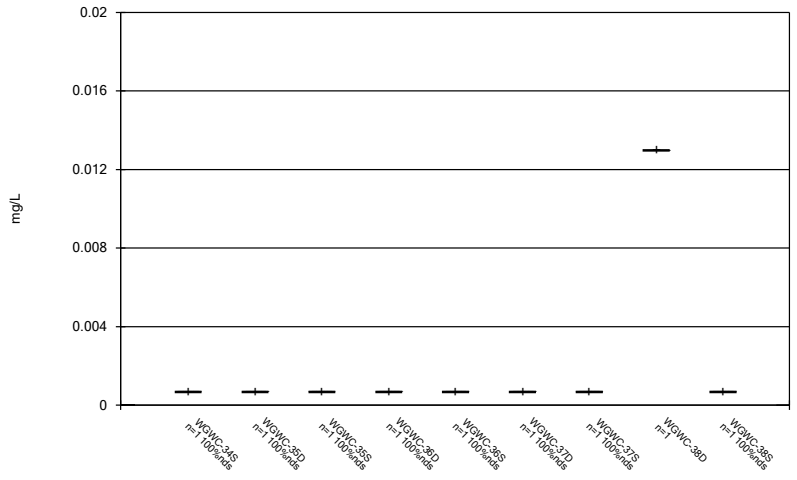


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

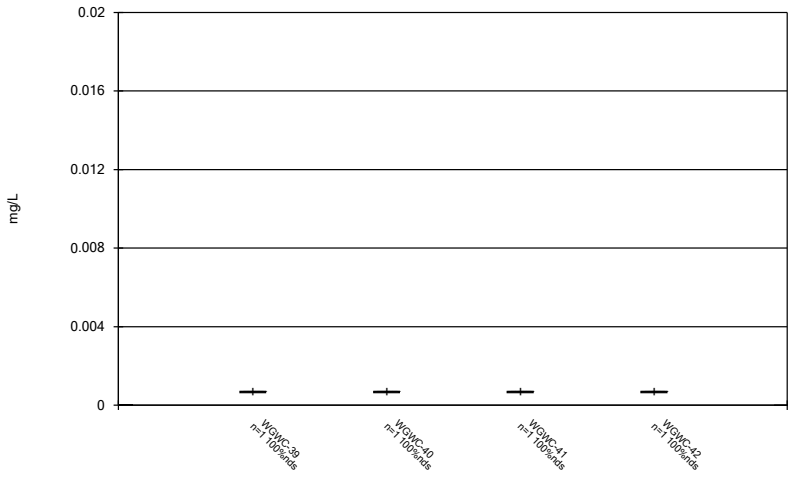


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Box & Whiskers Plot

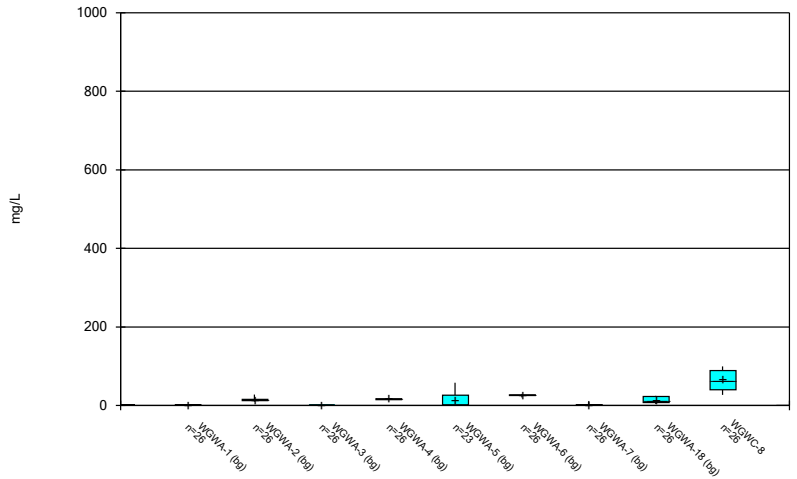


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Box & Whiskers Plot

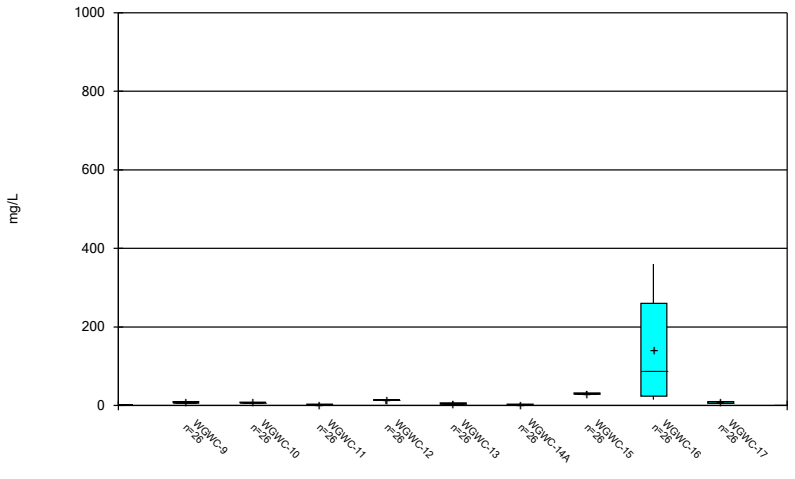


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

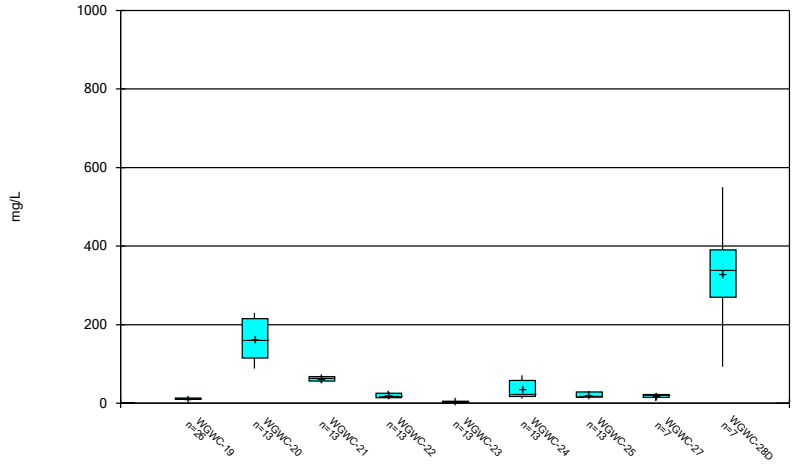


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

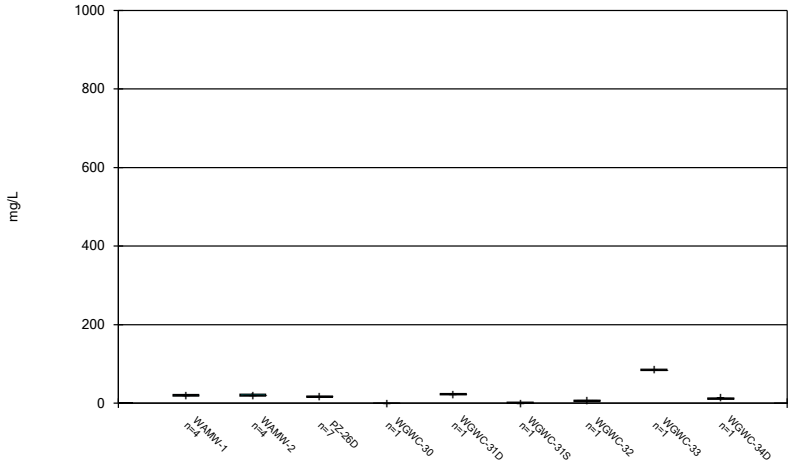


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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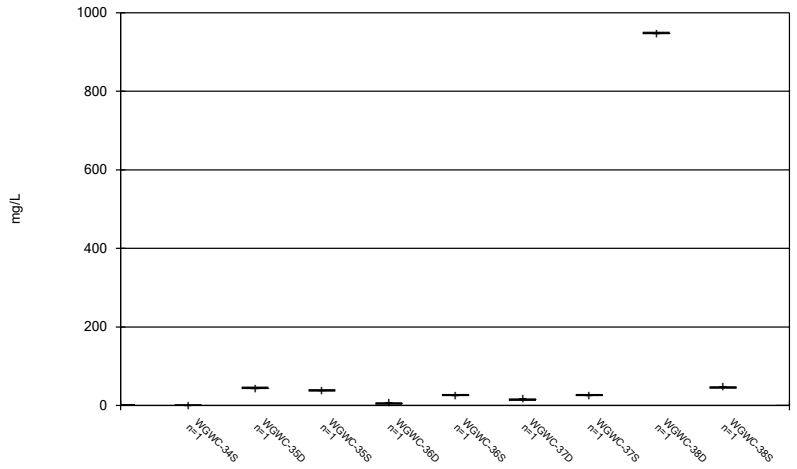


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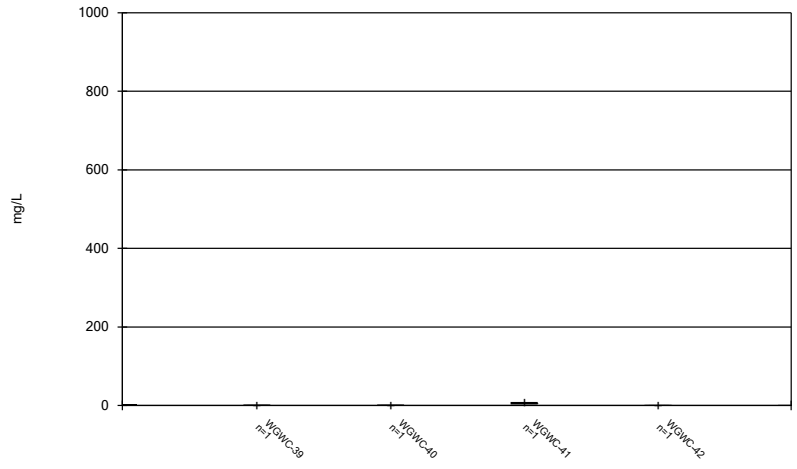


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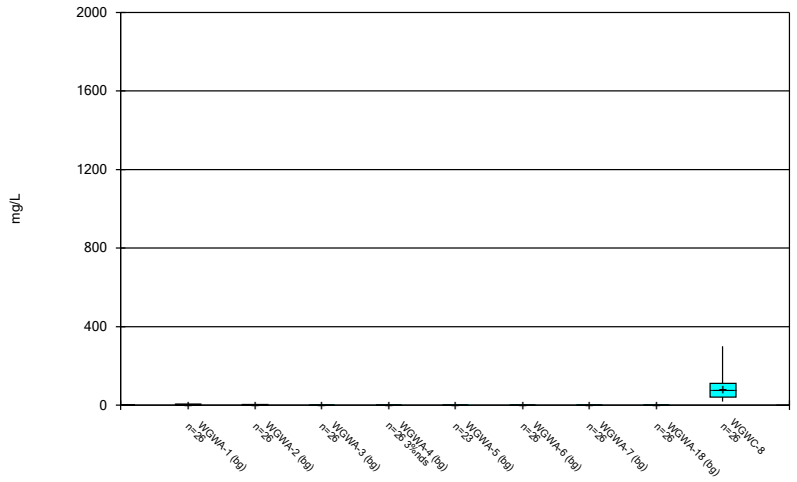


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Box & Whiskers Plot

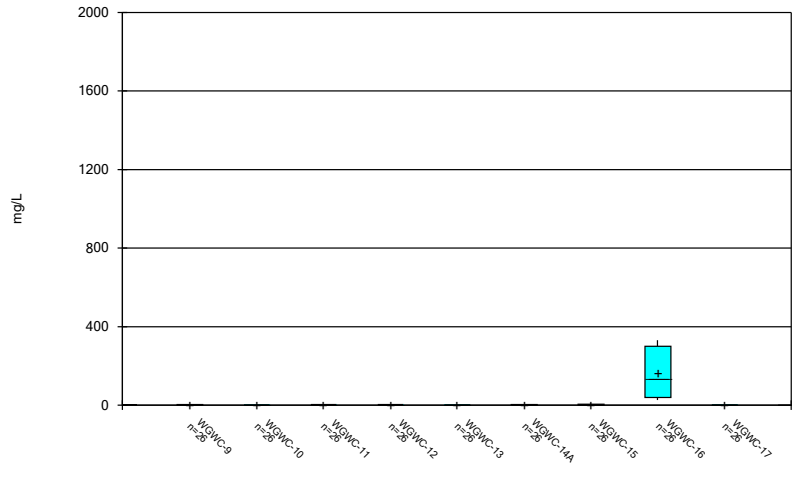


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

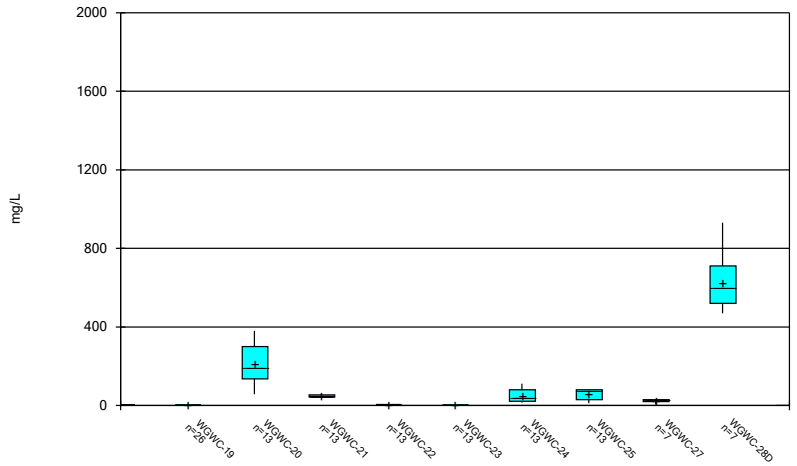


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Box & Whiskers Plot

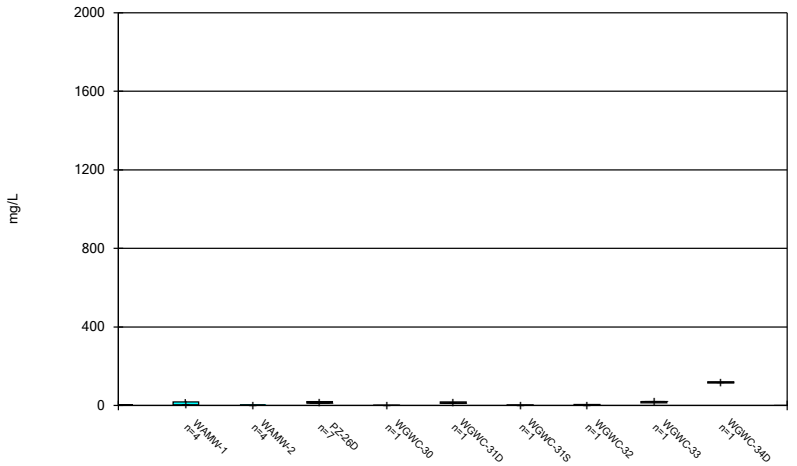


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Box & Whiskers Plot

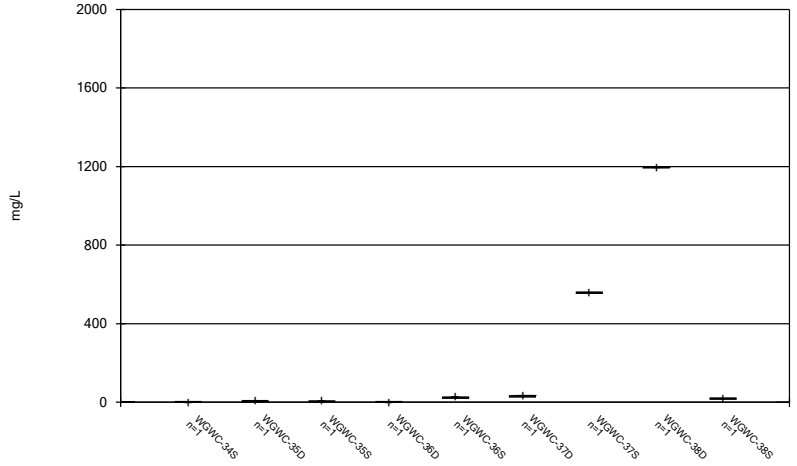


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Box & Whiskers Plot

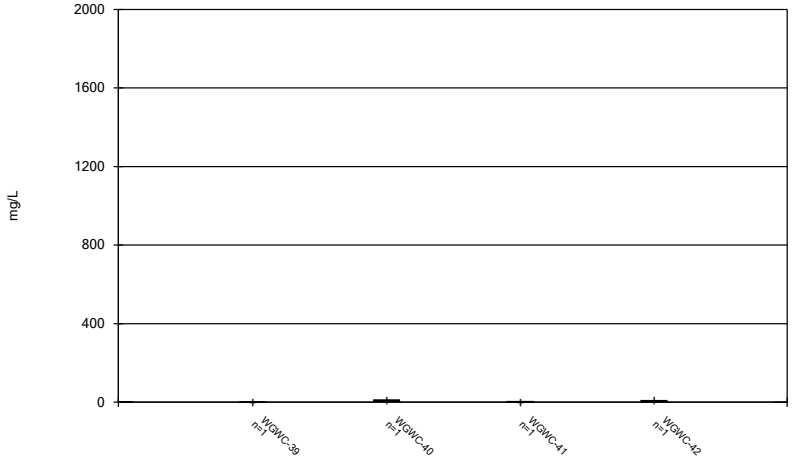


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Box & Whiskers Plot

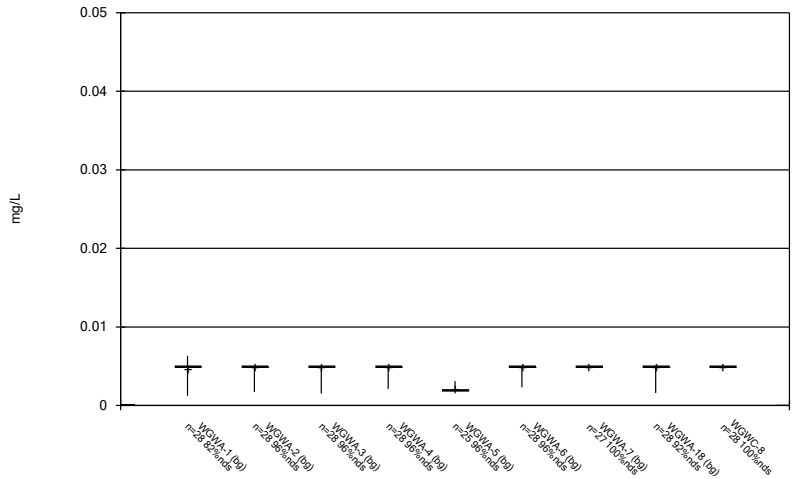


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

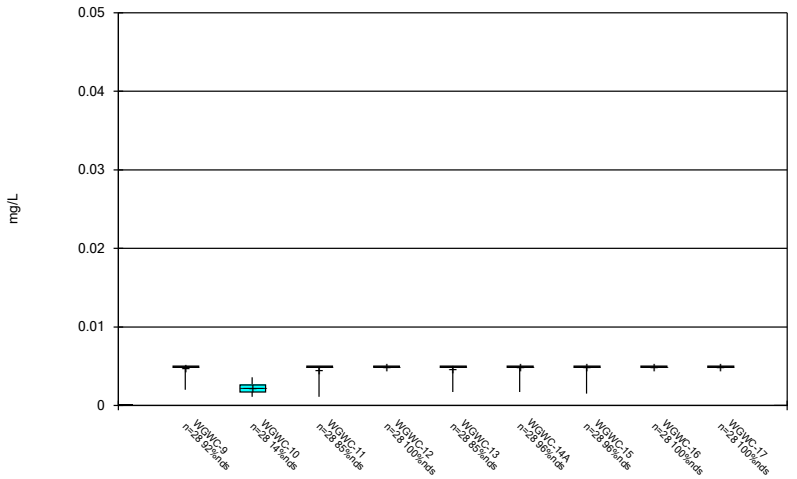


Constituent: Chromium Analysis Run 12/17/2025 1:21 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

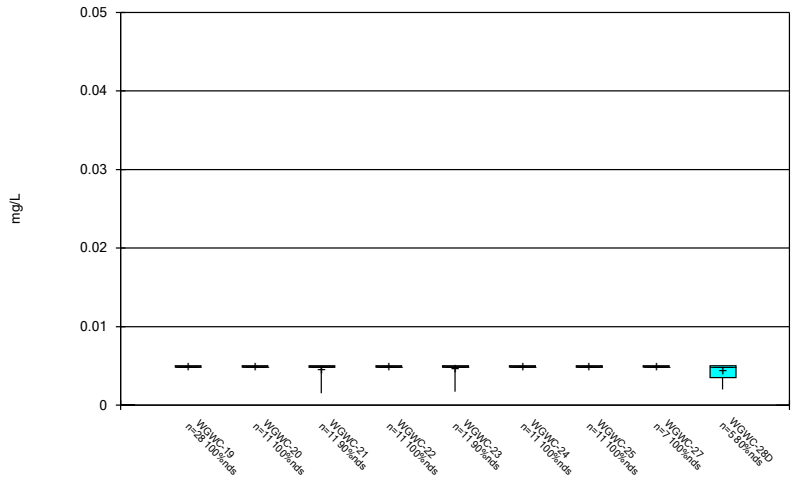


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Box & Whiskers Plot

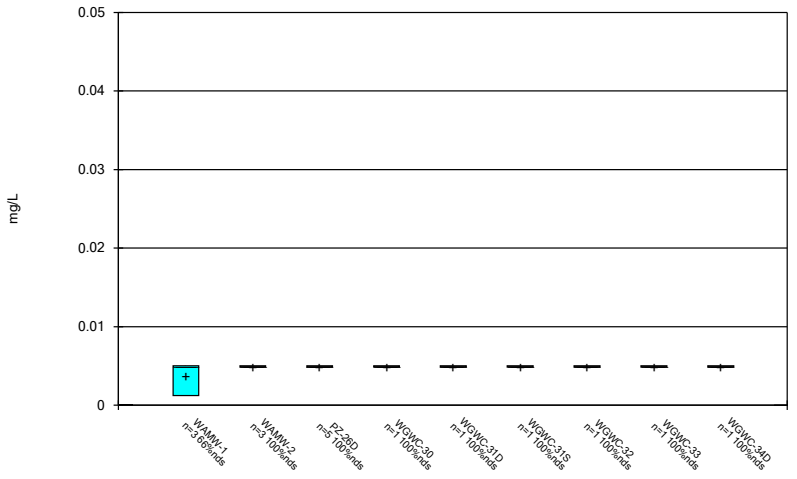


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Box & Whiskers Plot

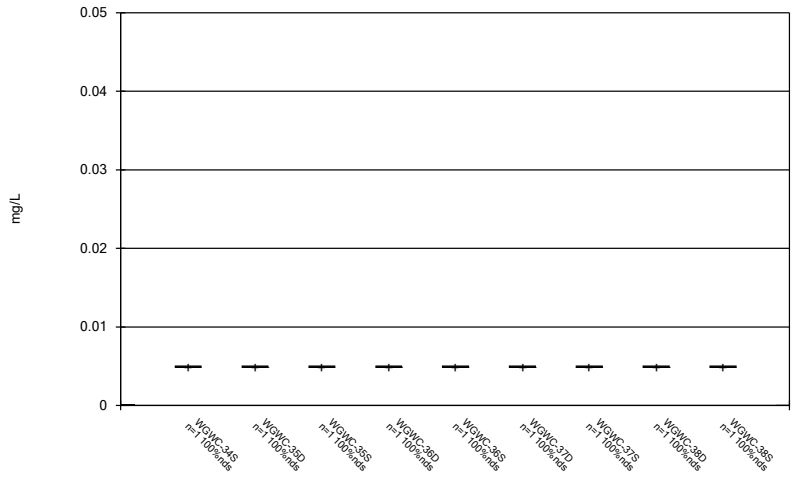


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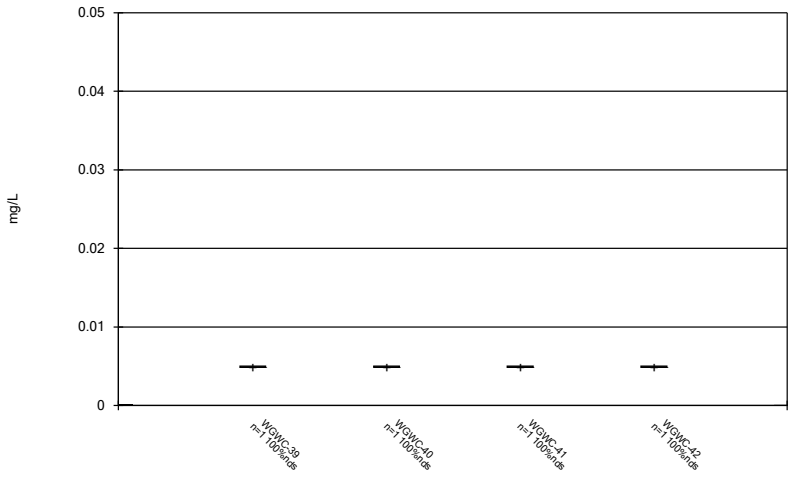


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Box & Whiskers Plot

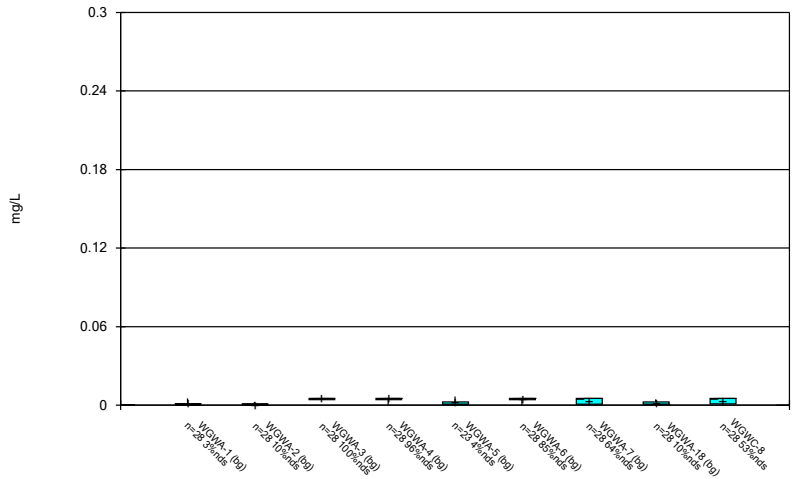


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

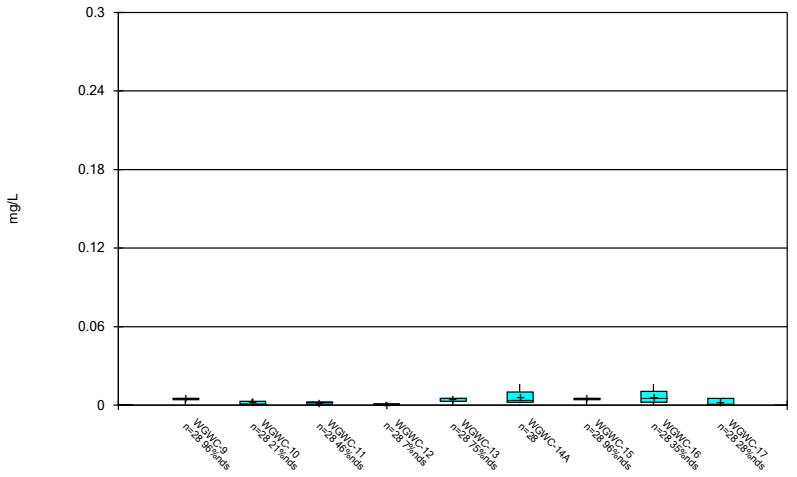


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

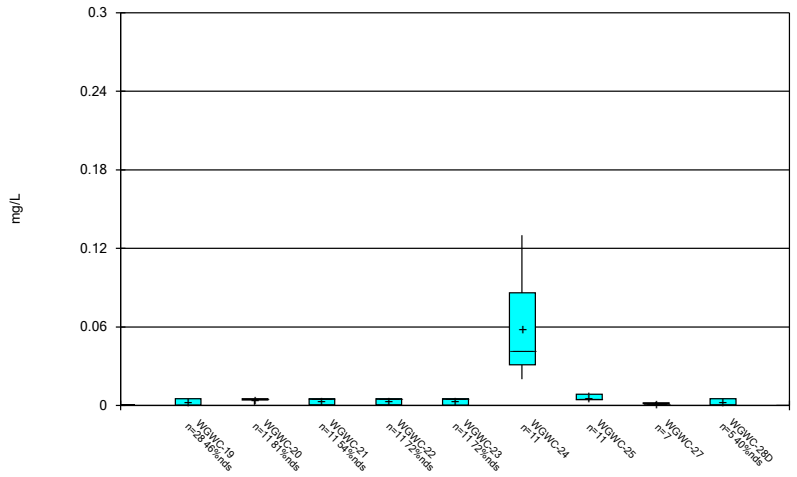


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Box & Whiskers Plot

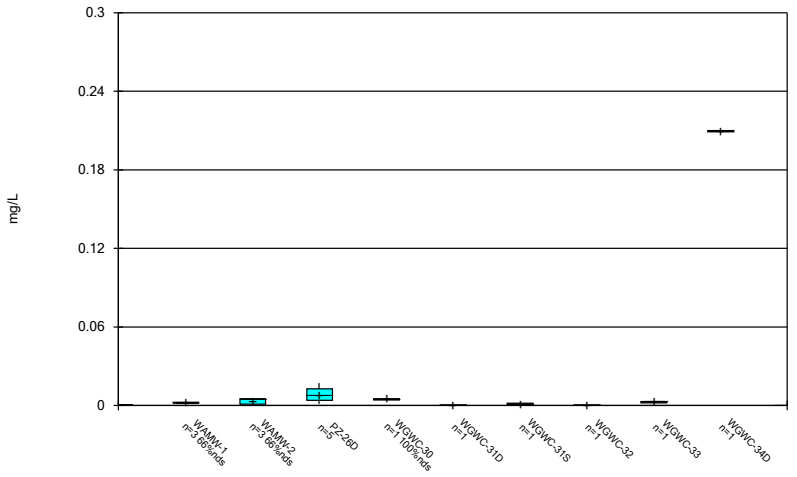


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Box & Whiskers Plot

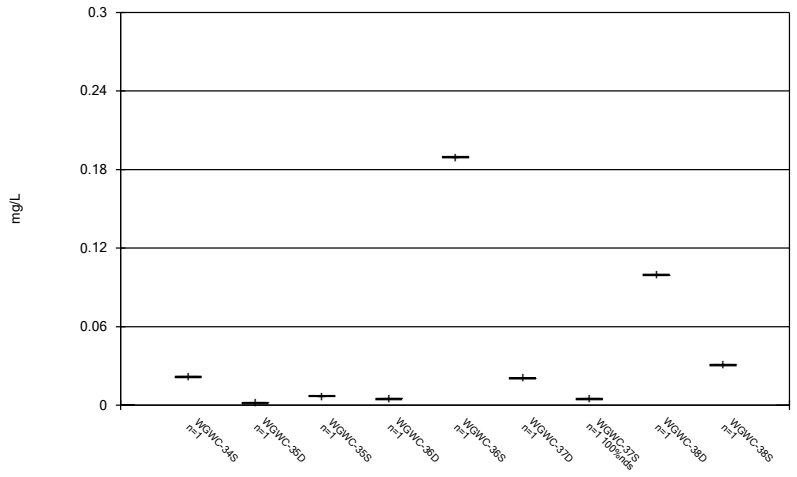


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Box & Whiskers Plot

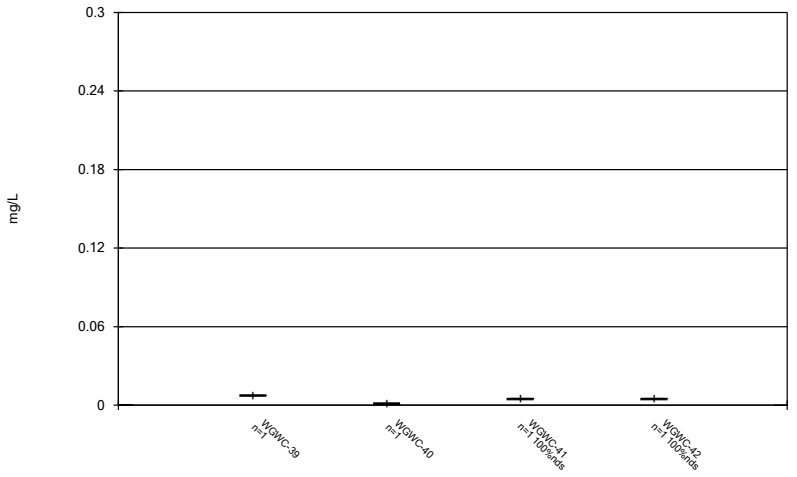


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Box & Whiskers Plot

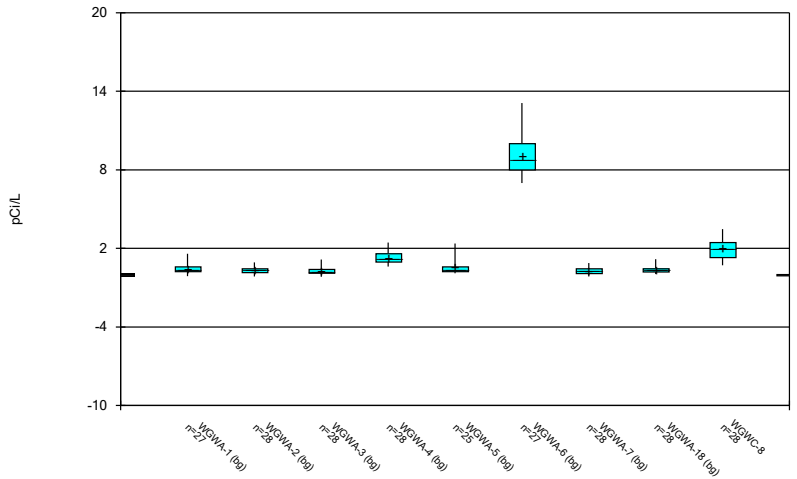


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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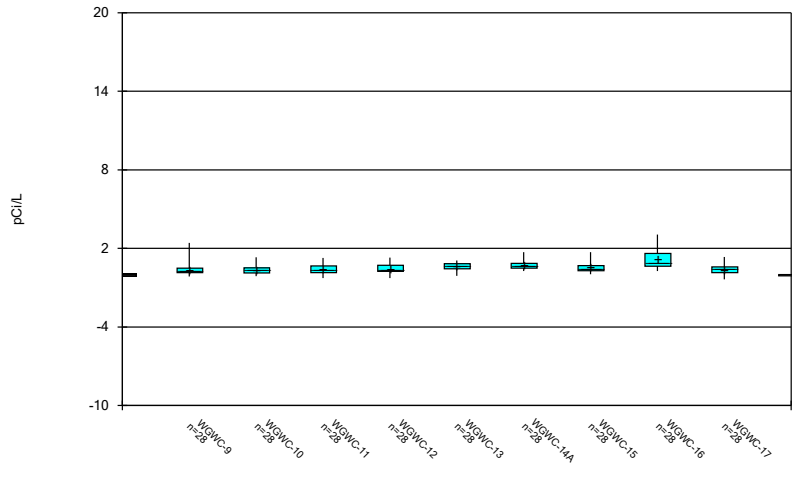
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 12/17/2025 1:21 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

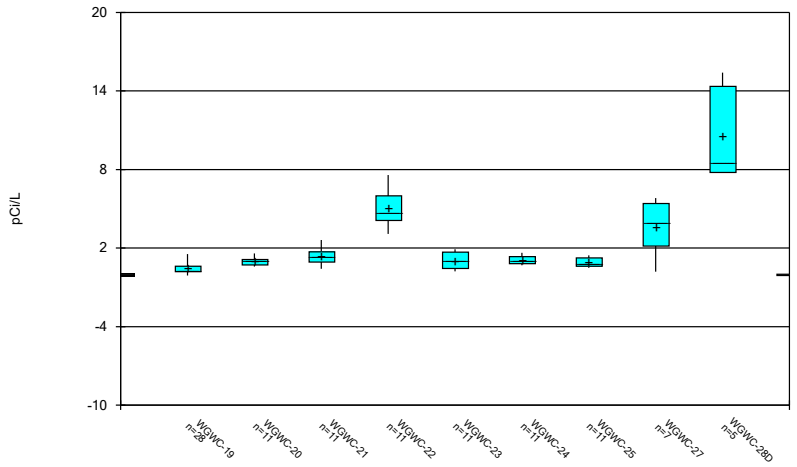
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 12/17/2025 1:21 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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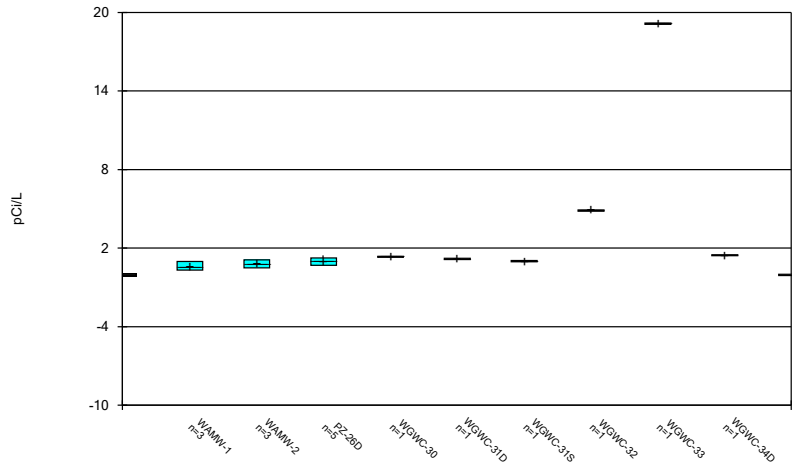
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 12/17/2025 1:21 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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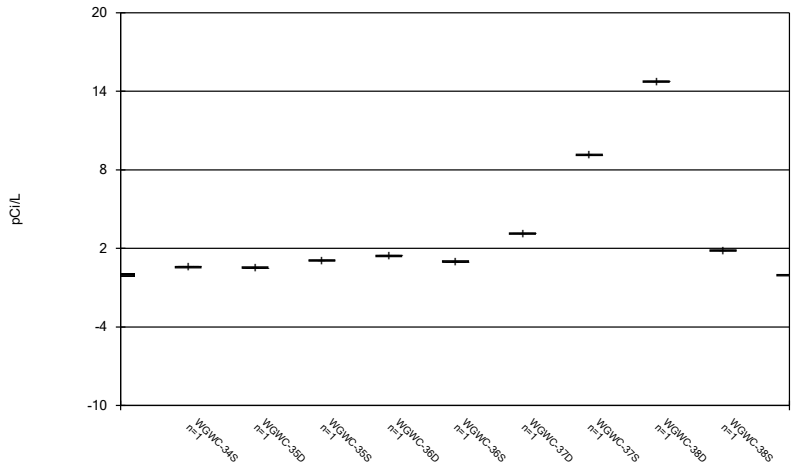
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 12/17/2025 1:21 PM
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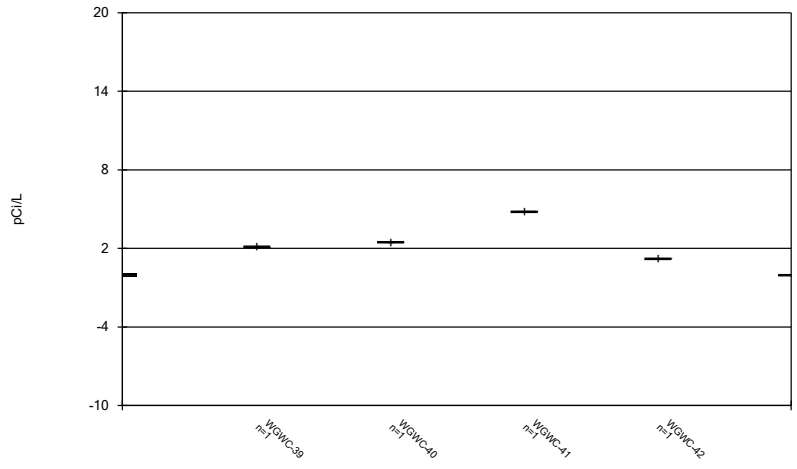
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 12/17/2025 1:21 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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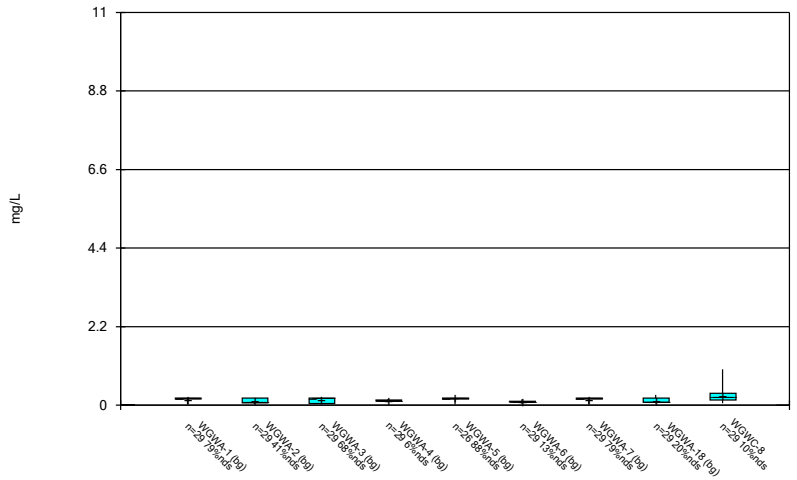
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 12/17/2025 1:21 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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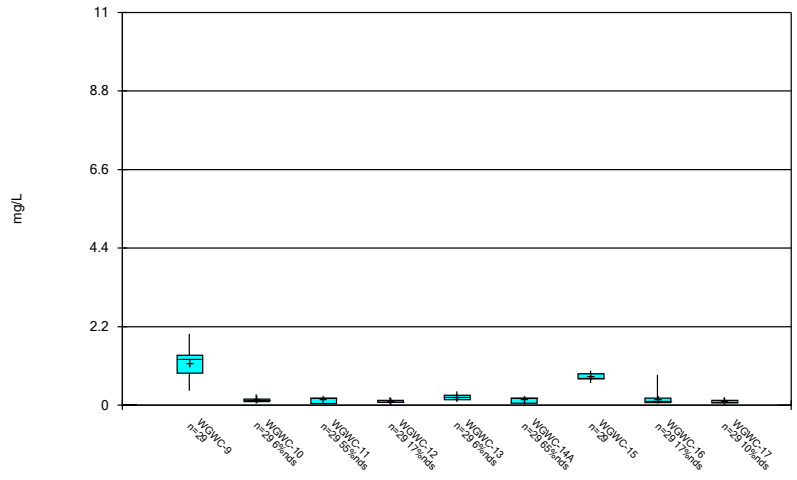
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 12/17/2025 1:21 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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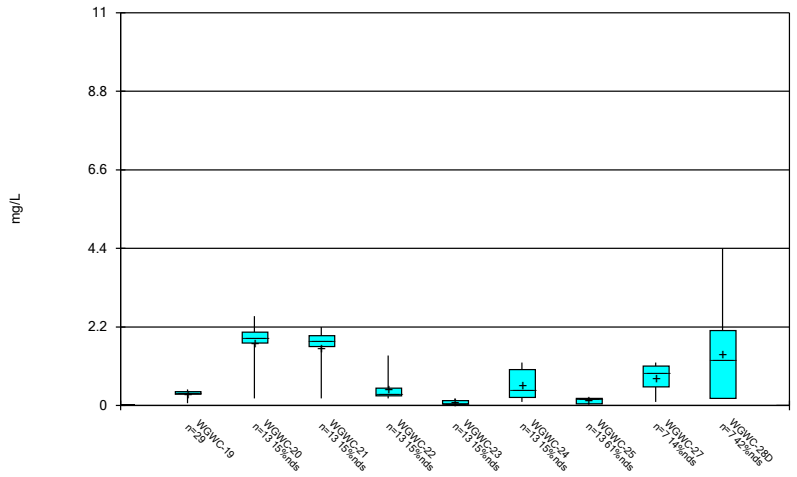
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 12/17/2025 1:21 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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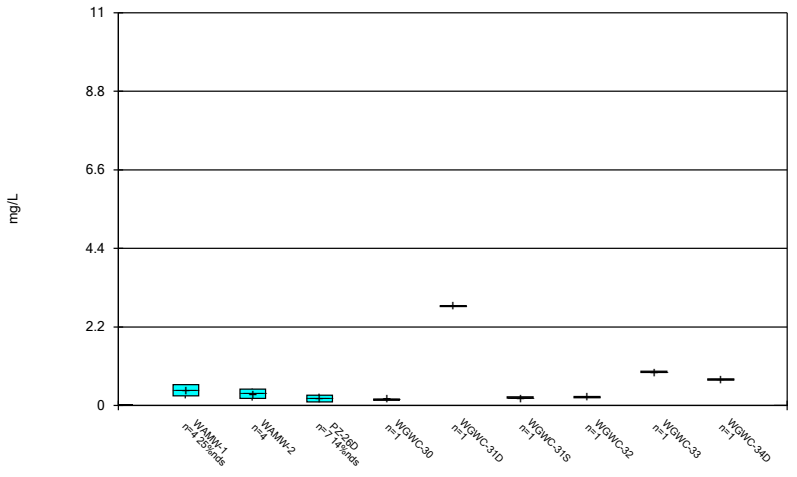
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley AP 1

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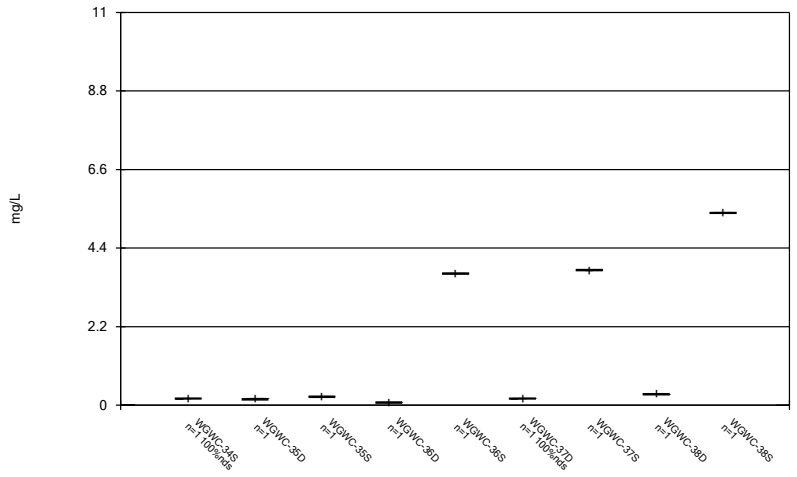
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley AP 1

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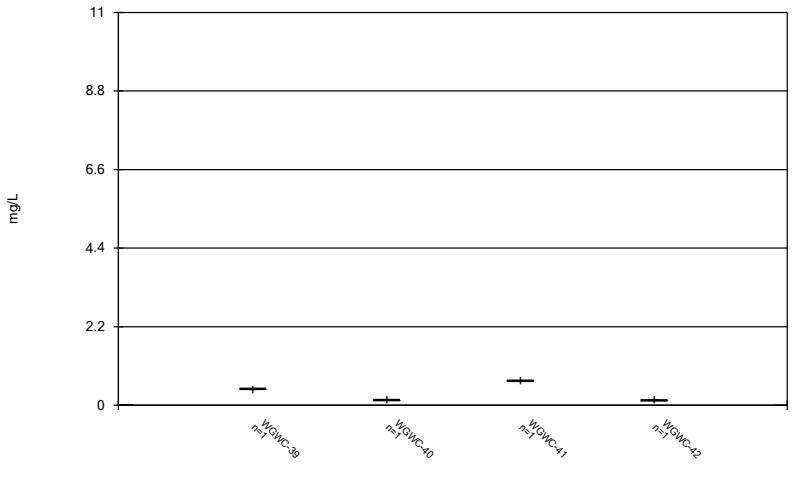
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 12/17/2025 1:21 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

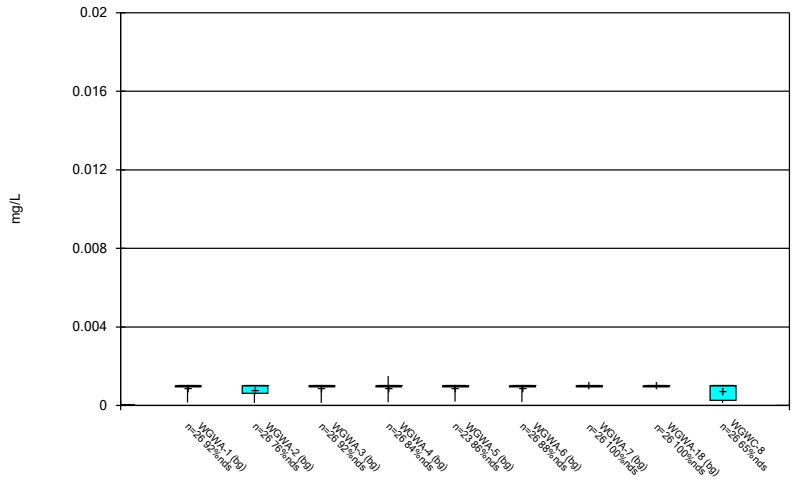
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

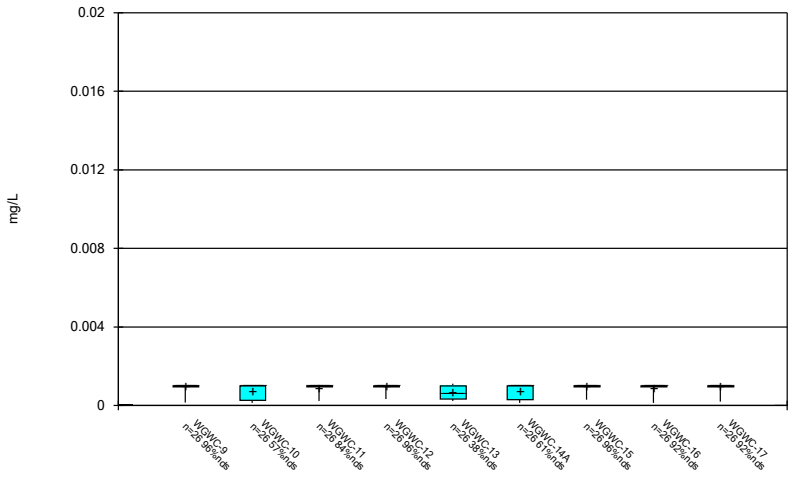


Constituent: Lead Analysis Run 12/17/2025 1:21 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

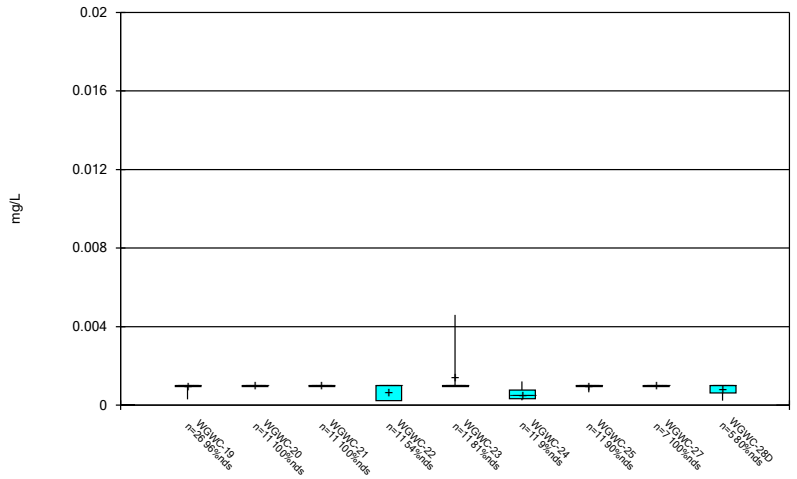


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Box & Whiskers Plot

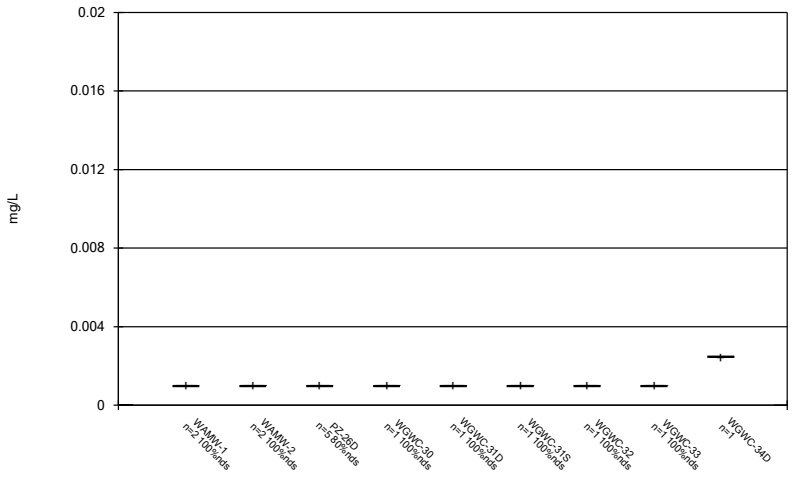


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Box & Whiskers Plot

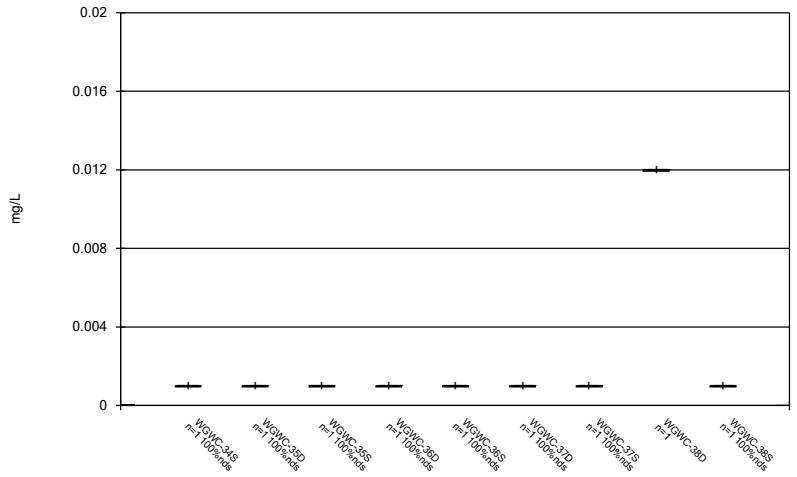


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Box & Whiskers Plot

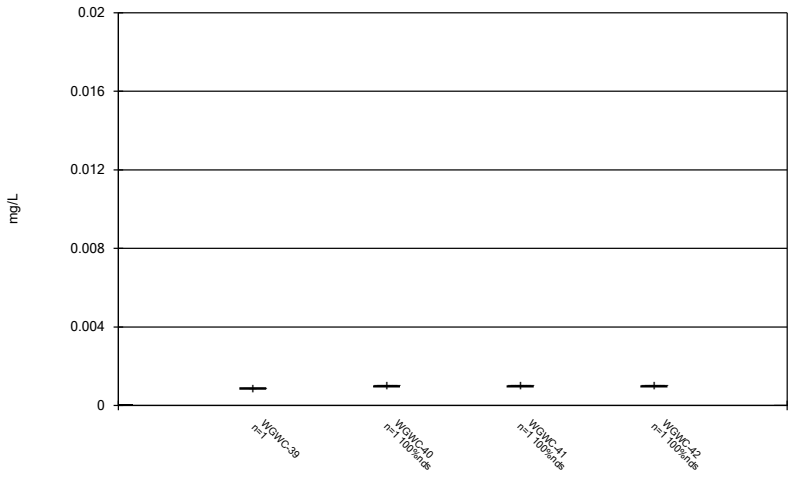


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Box & Whiskers Plot

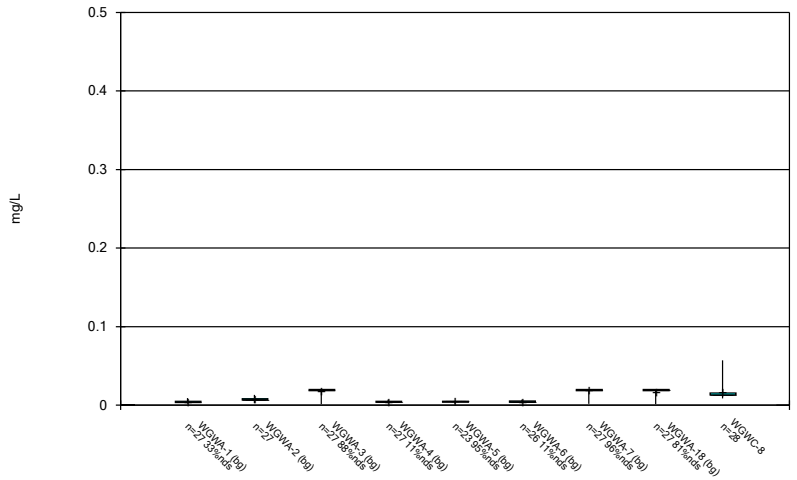


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Box & Whiskers Plot

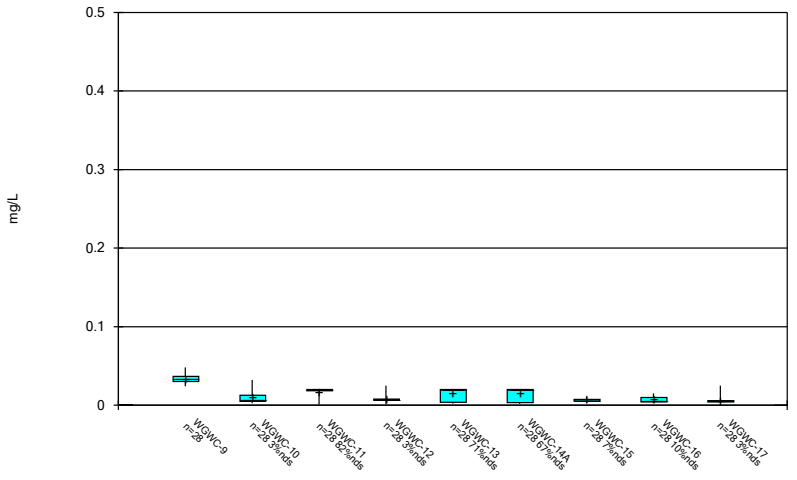


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Box & Whiskers Plot

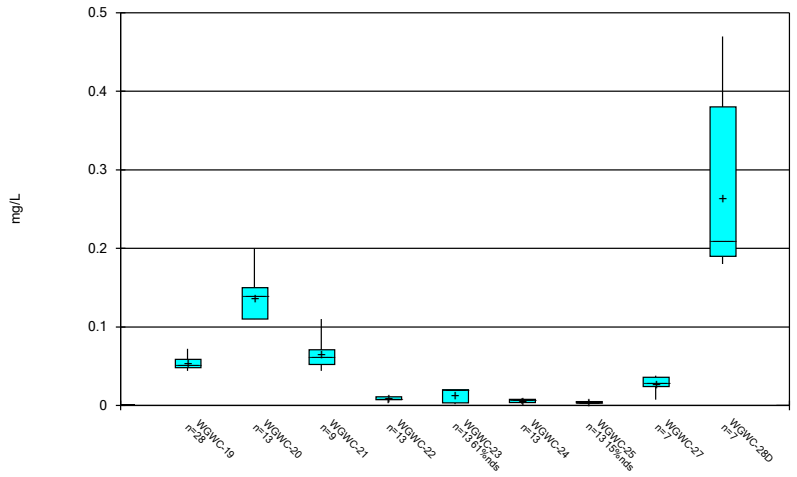


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Box & Whiskers Plot

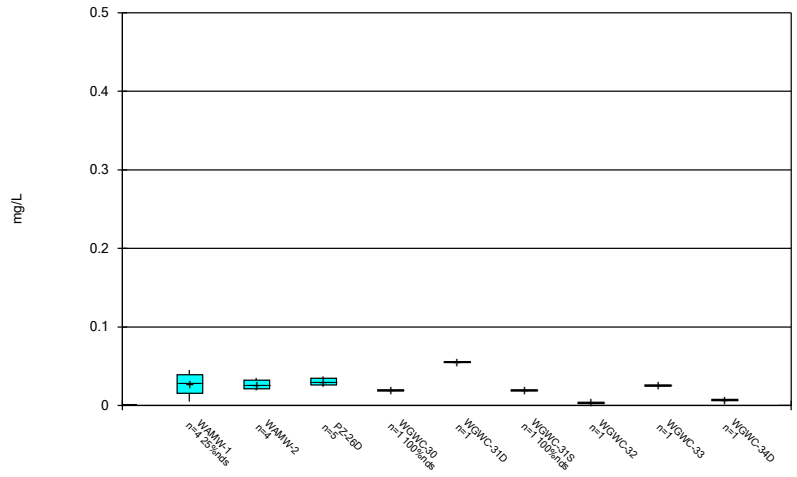


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Box & Whiskers Plot

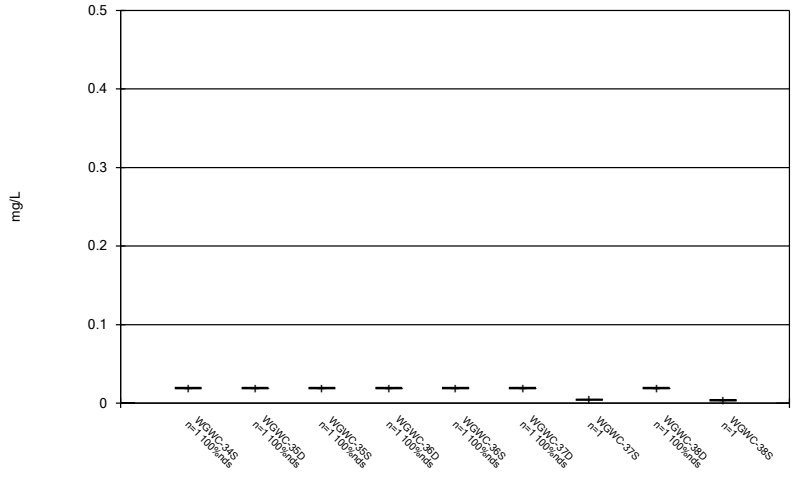


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

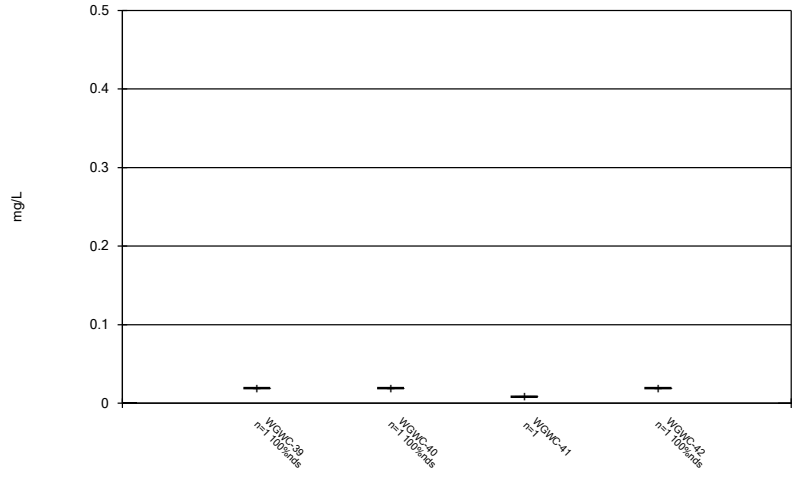


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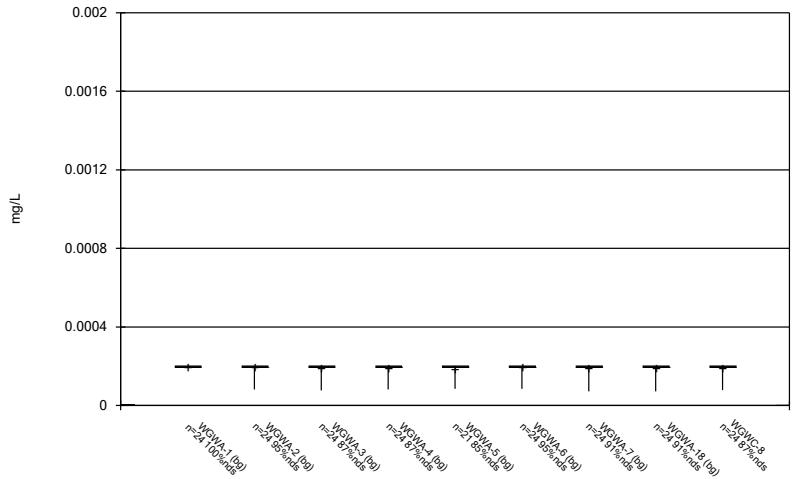


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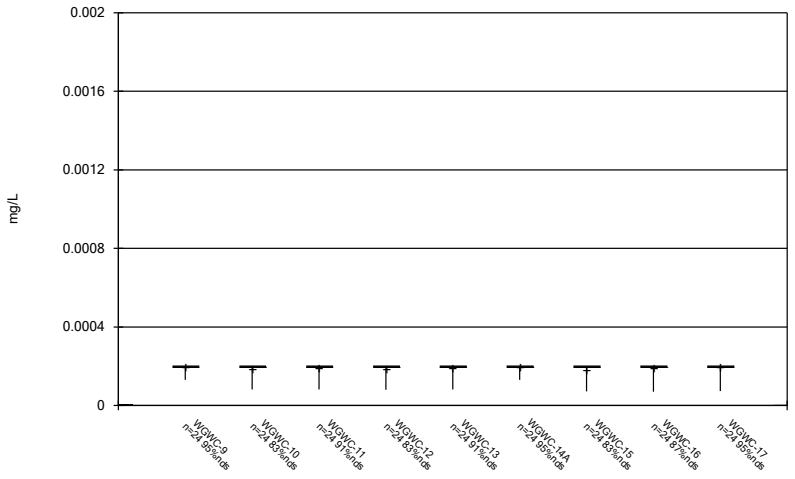
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley AP 1

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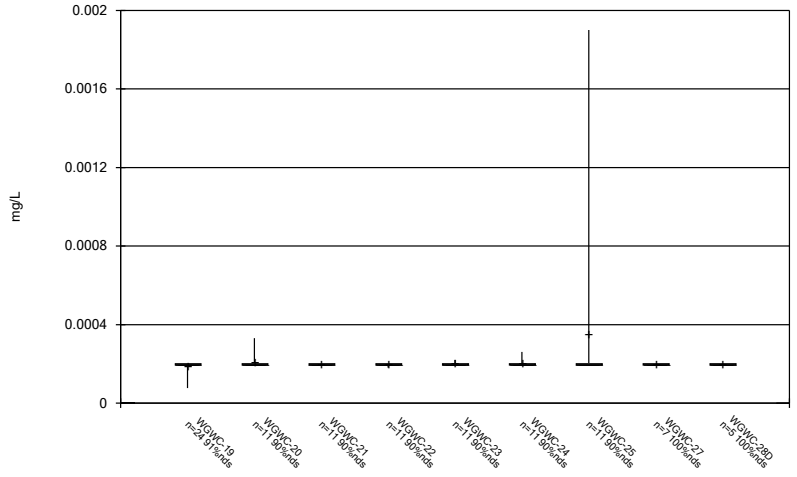
Box & Whiskers Plot



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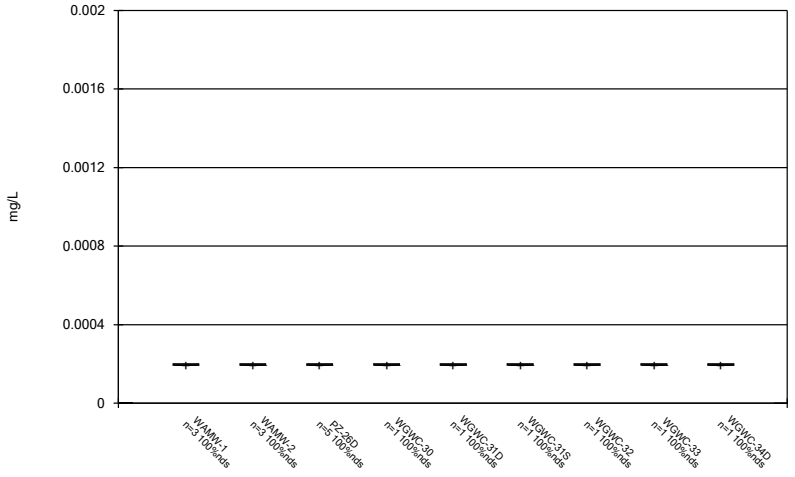
Box & Whiskers Plot



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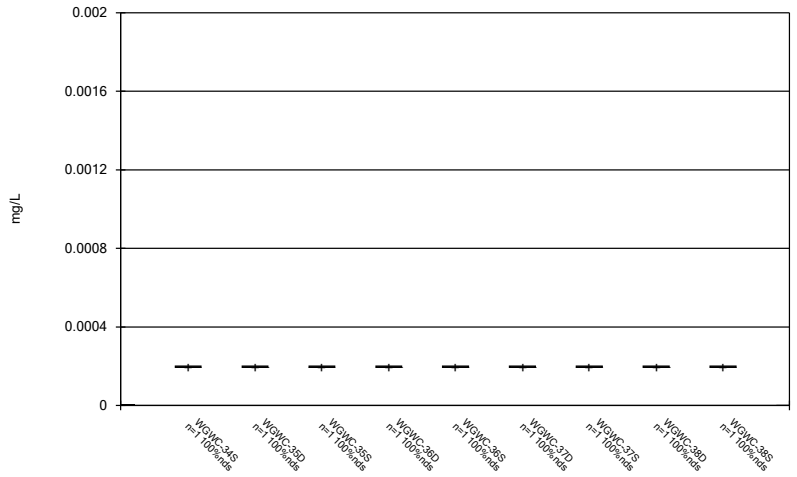
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

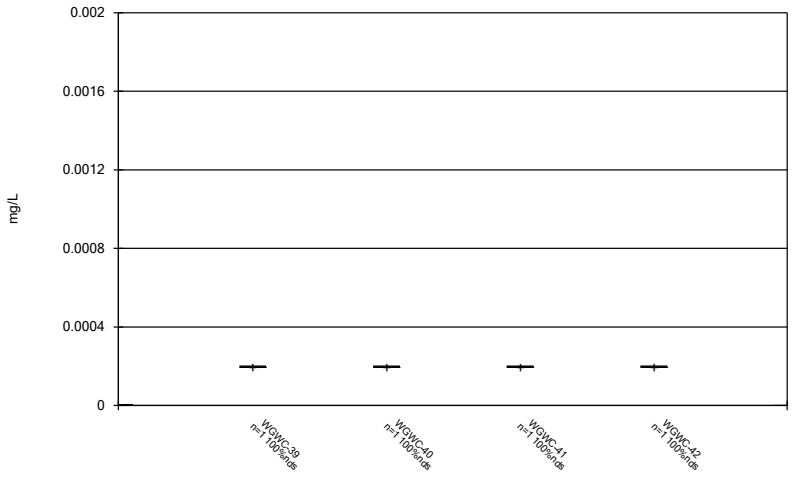


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

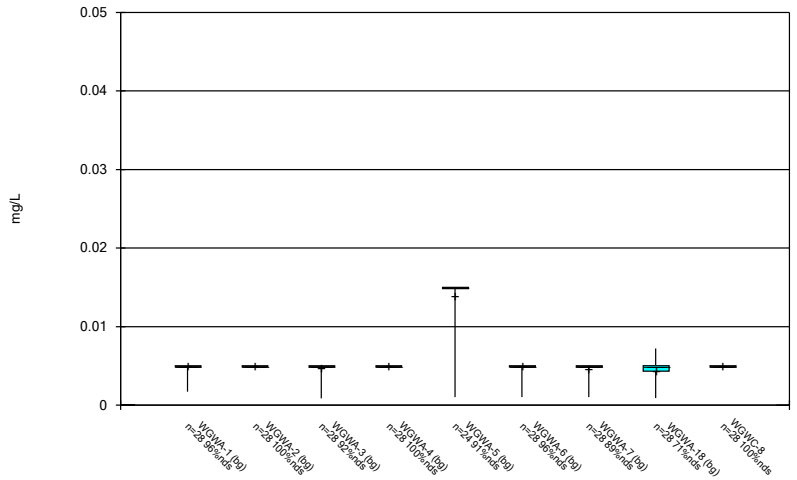


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

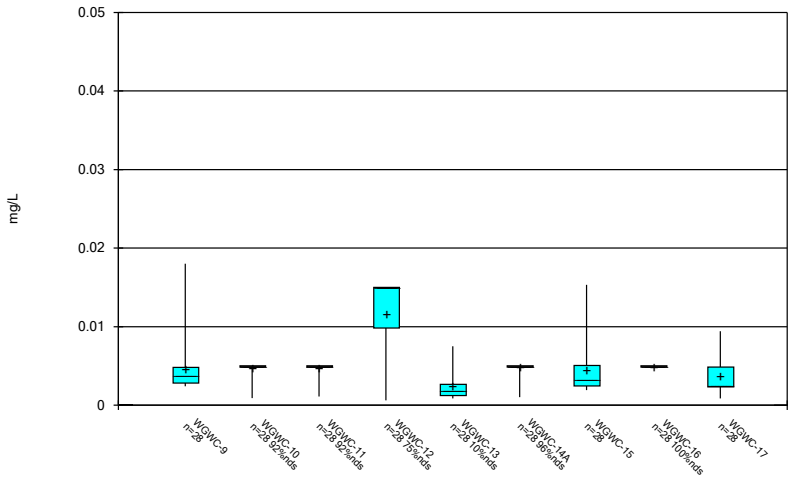


Constituent: Molybdenum Analysis Run 12/17/2025 1:21 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

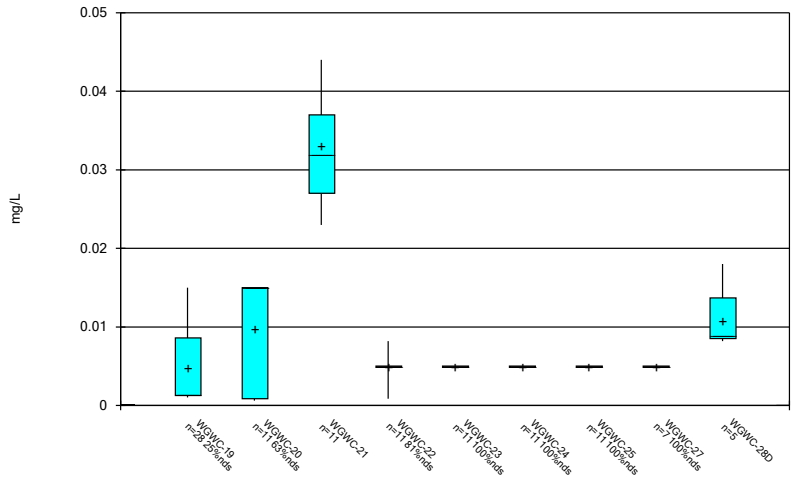


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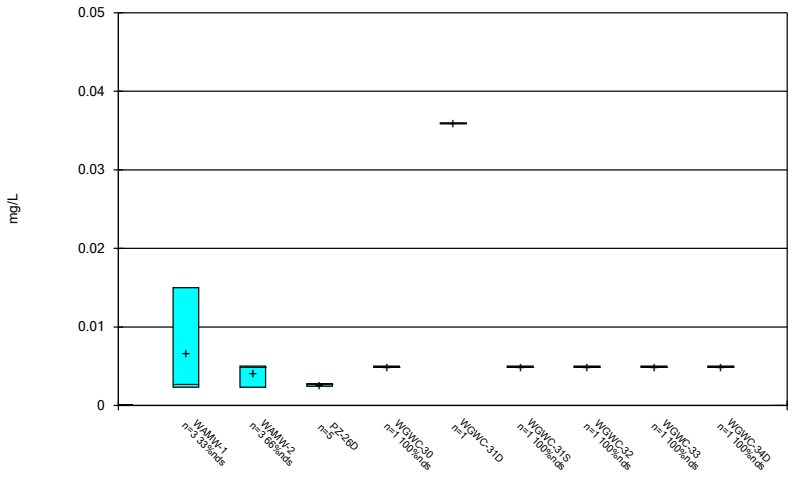
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 12/17/2025 1:22 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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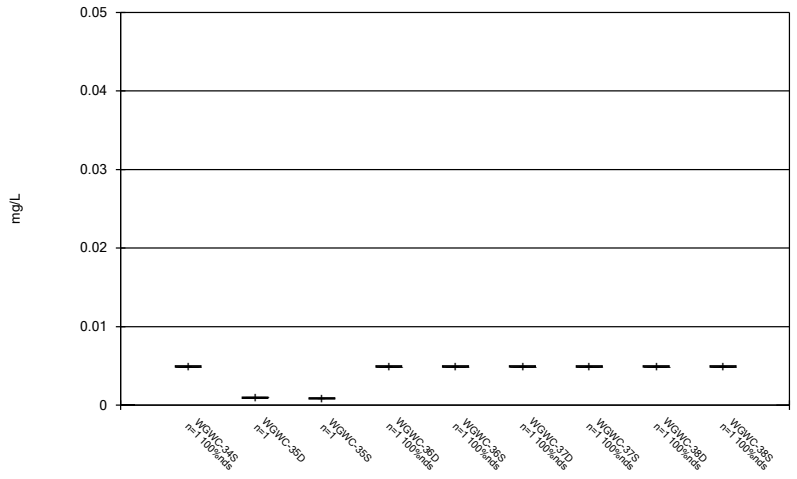
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley AP 1

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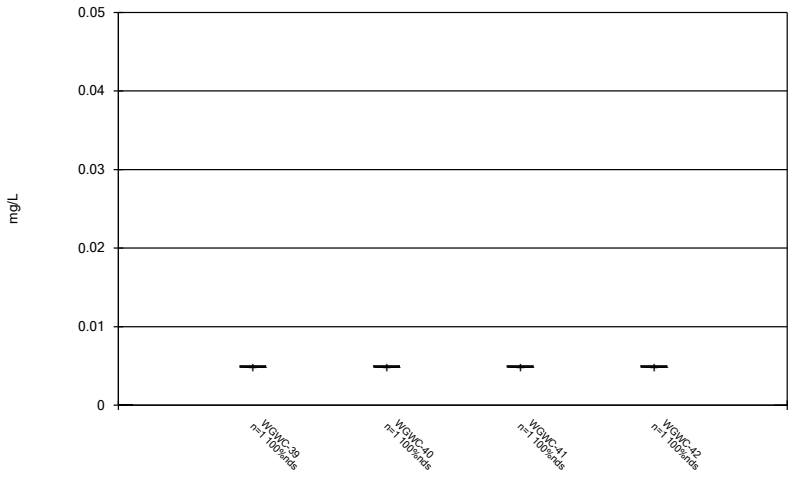
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 12/17/2025 1:22 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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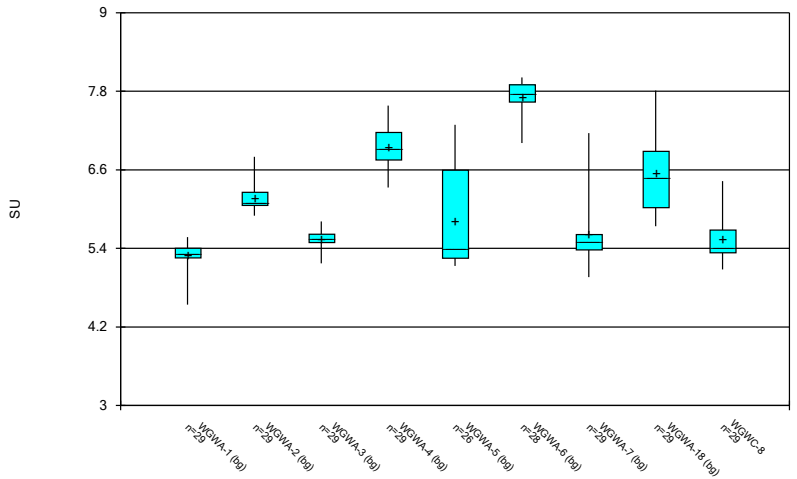
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 12/17/2025 1:22 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

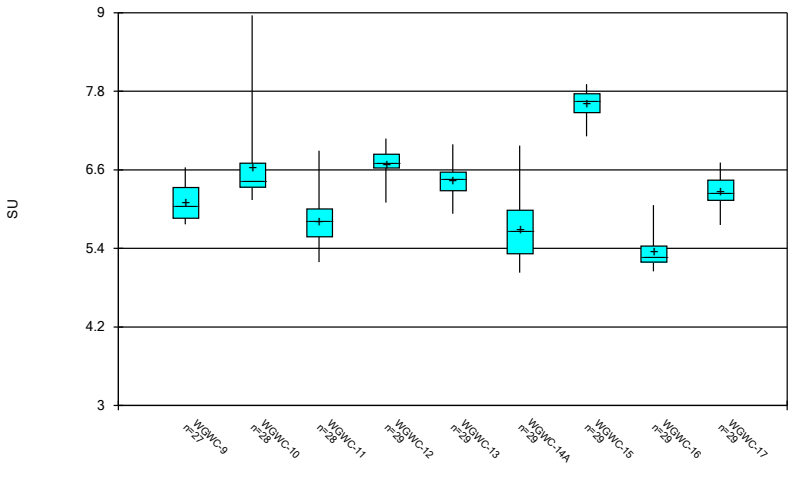


Constituent: pH, Field Analysis Run 12/17/2025 1:22 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

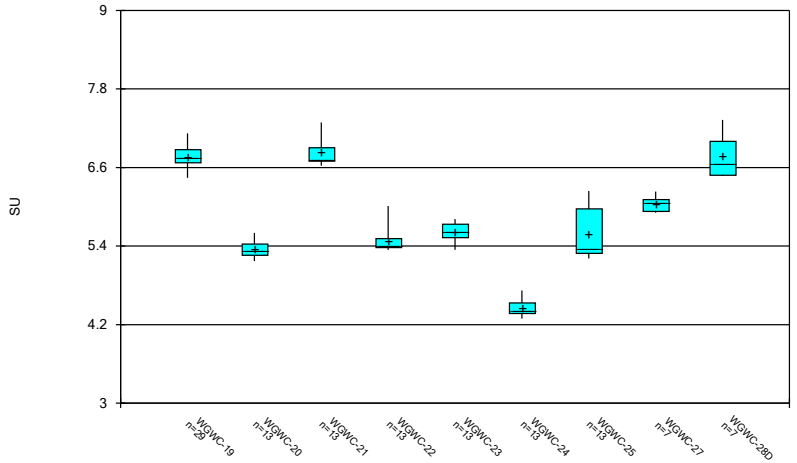


Constituent: pH, Field Analysis Run 12/17/2025 1:22 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

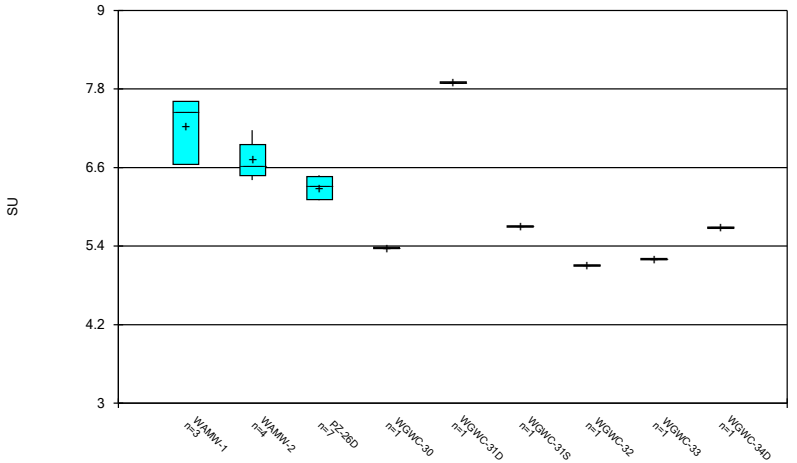


Constituent: pH, Field Analysis Run 12/17/2025 1:22 PM

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Box & Whiskers Plot

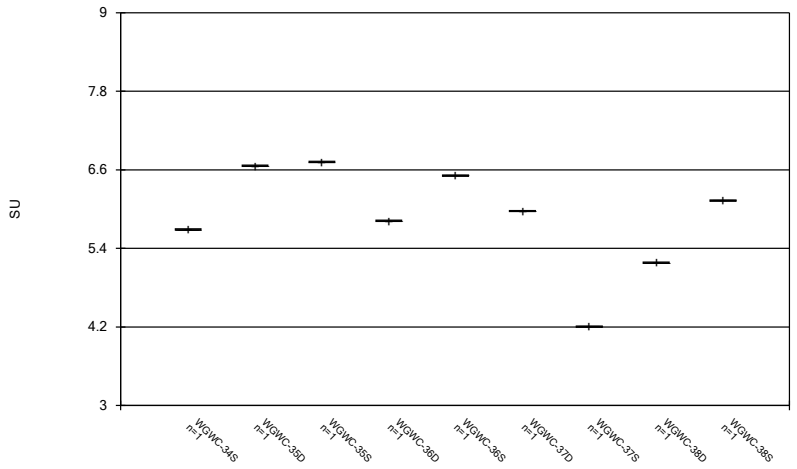


Constituent: pH, Field Analysis Run 12/17/2025 1:22 PM

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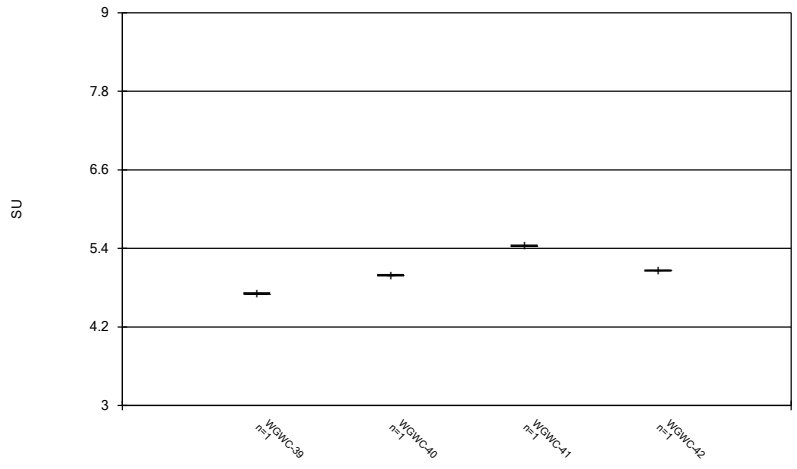


Constituent: pH, Field Analysis Run 12/17/2025 1:22 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

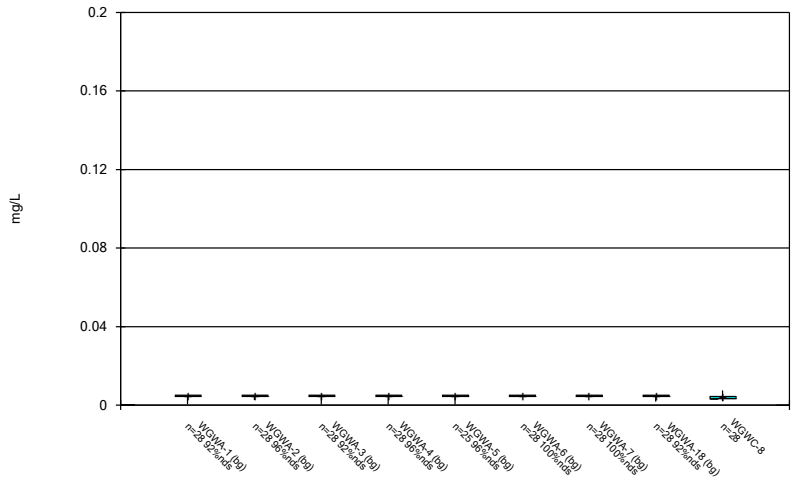


Constituent: pH, Field Analysis Run 12/17/2025 1:22 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

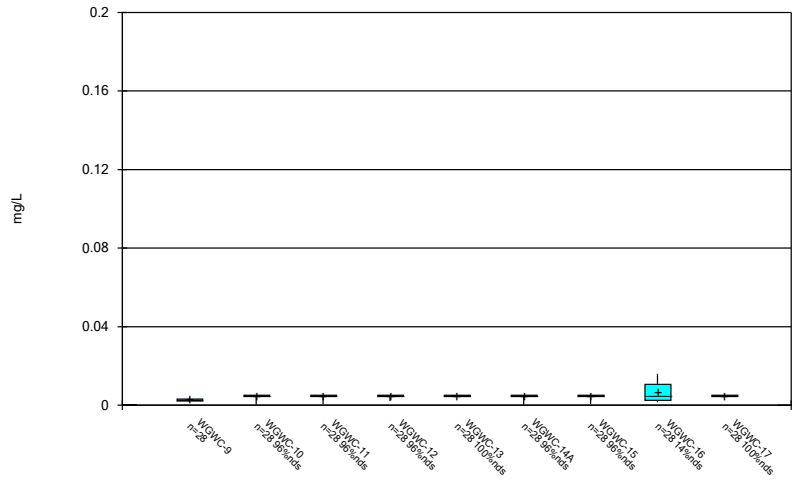


Constituent: Selenium Analysis Run 12/17/2025 1:22 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

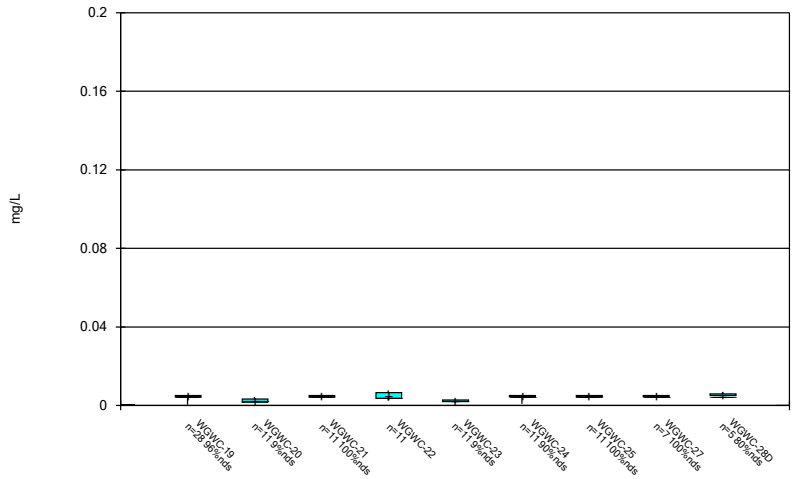


Constituent: Selenium Analysis Run 12/17/2025 1:22 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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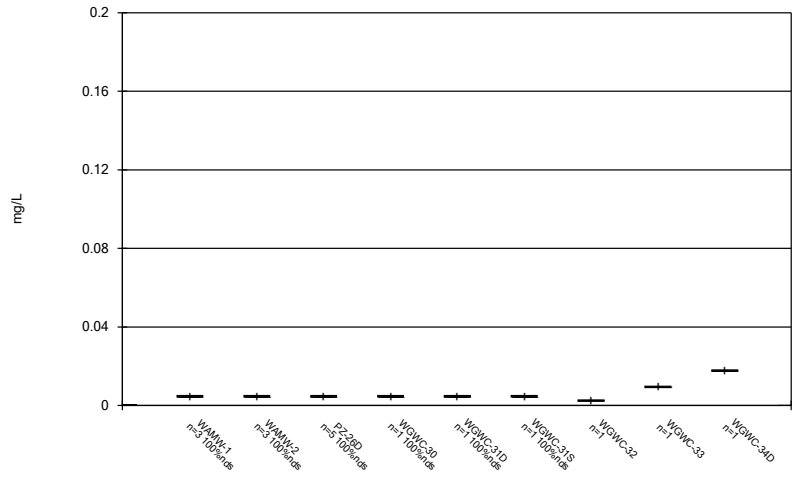
Box & Whiskers Plot



Constituent: Selenium Analysis Run 12/17/2025 1:22 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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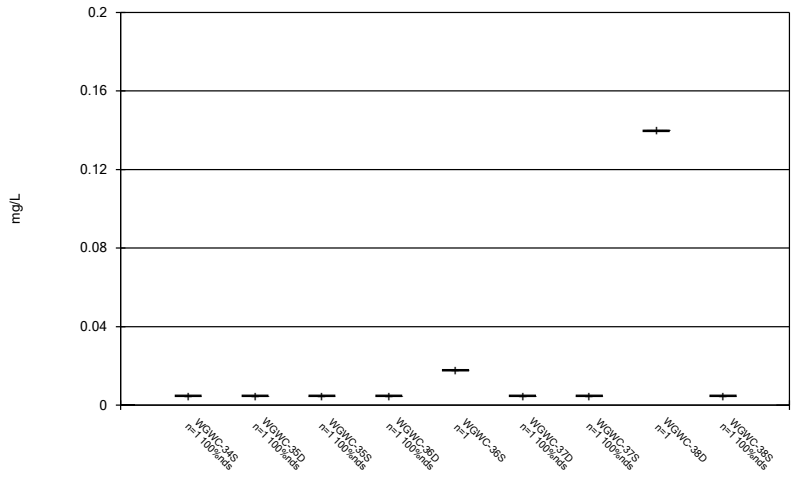
Box & Whiskers Plot



Constituent: Selenium Analysis Run 12/17/2025 1:22 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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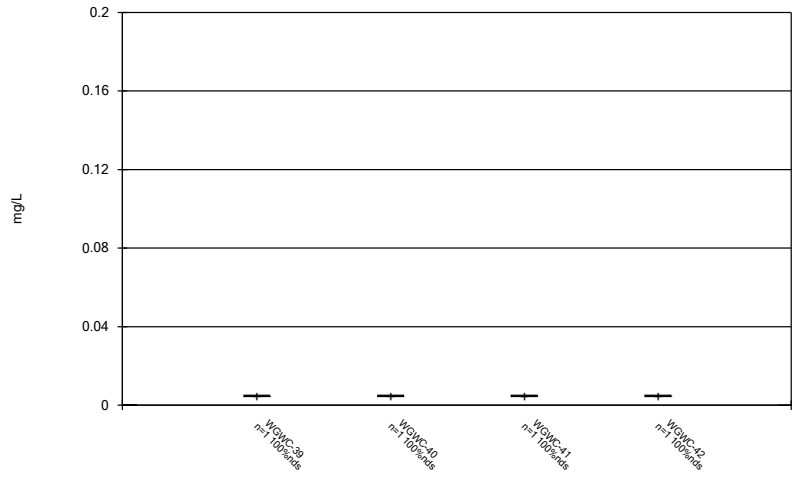
Box & Whiskers Plot



Constituent: Selenium Analysis Run 12/17/2025 1:22 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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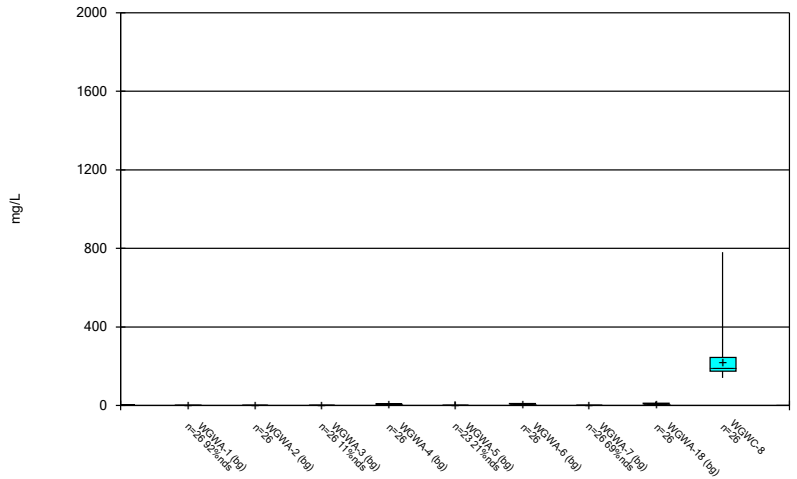
Box & Whiskers Plot



Constituent: Selenium Analysis Run 12/17/2025 1:22 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

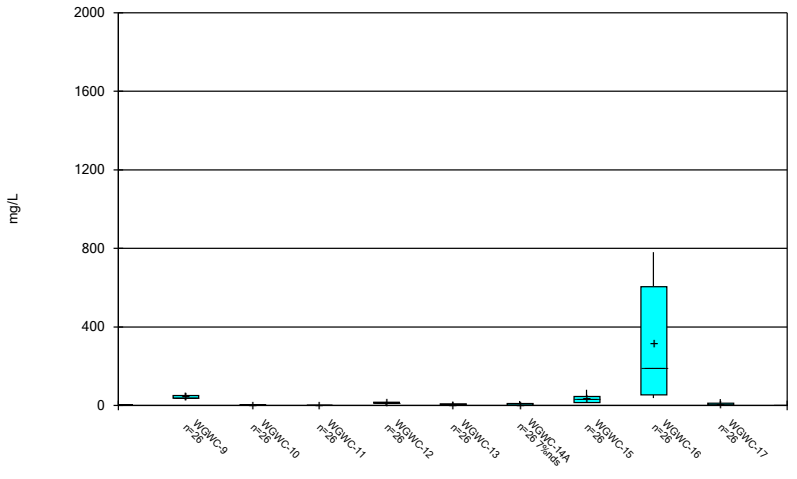


Constituent: Sulfate Analysis Run 12/17/2025 1:22 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

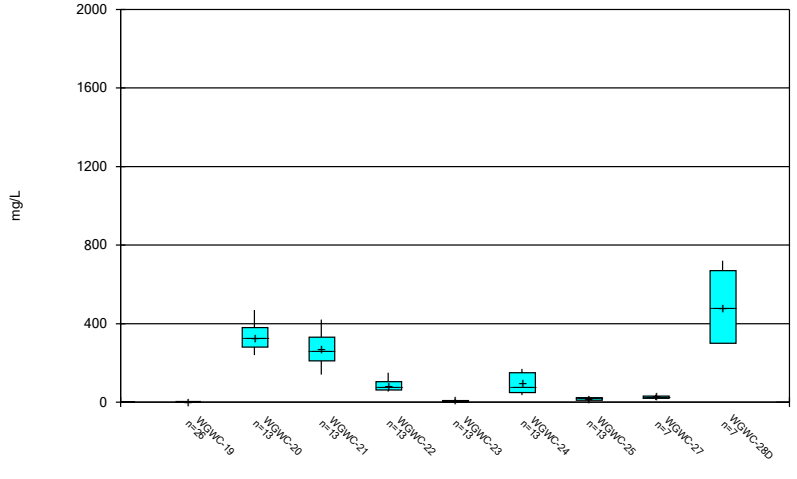


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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

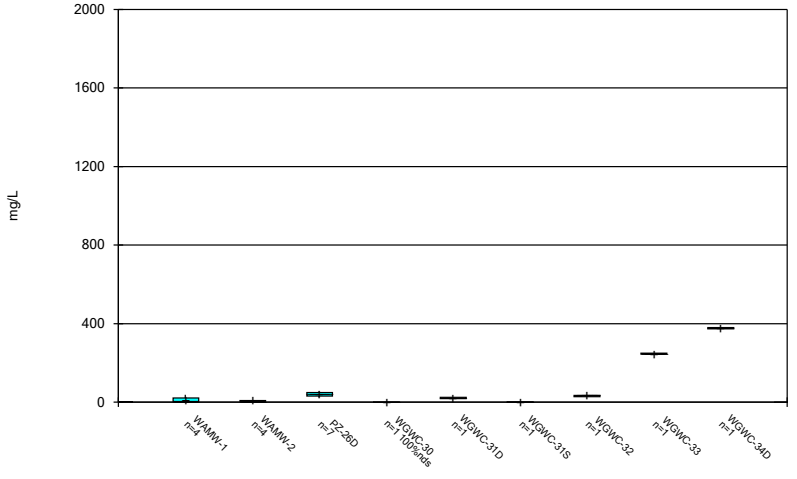


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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

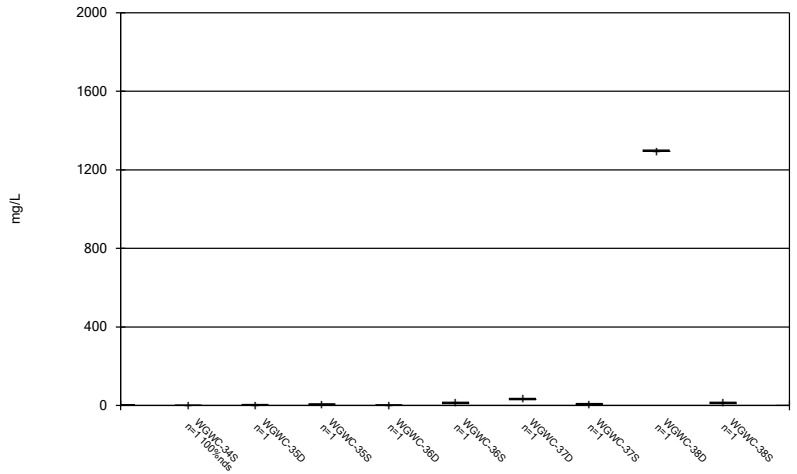


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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

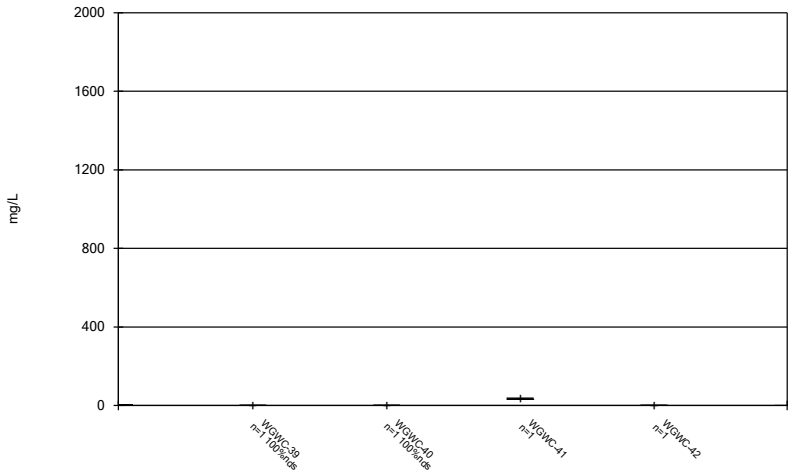


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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

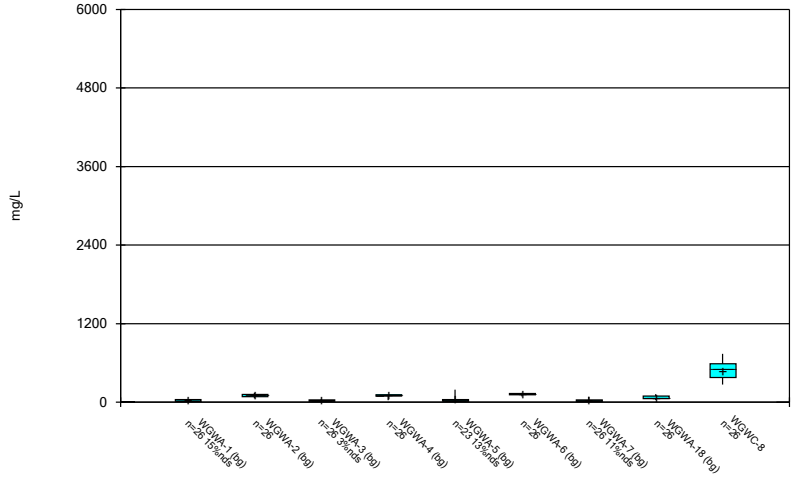


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

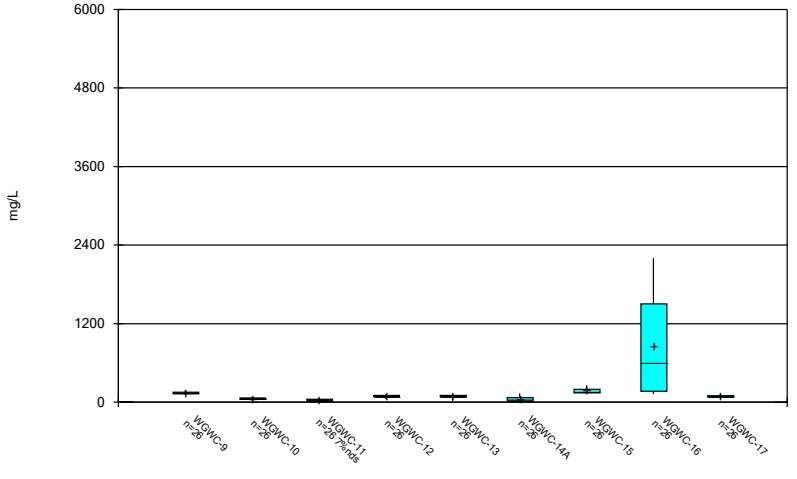


Constituent: TDS Analysis Run 12/17/2025 1:22 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

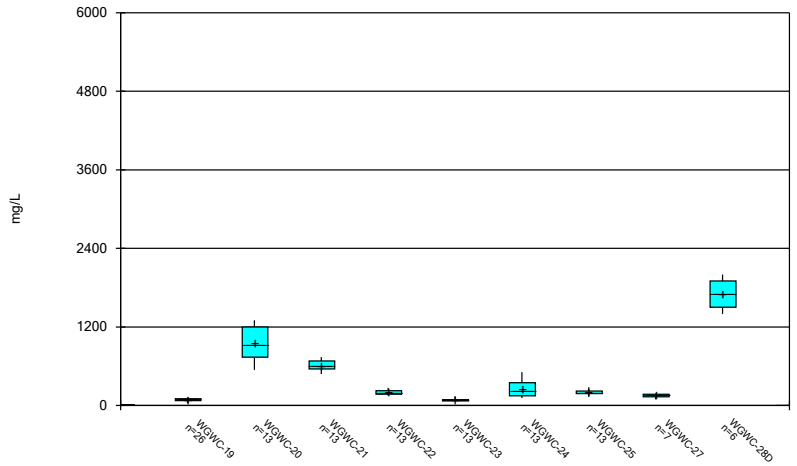


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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

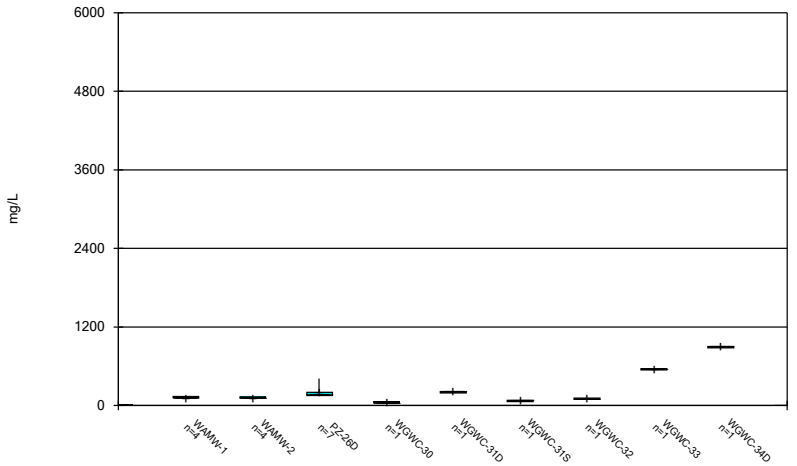


Constituent: TDS Analysis Run 12/17/2025 1:22 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

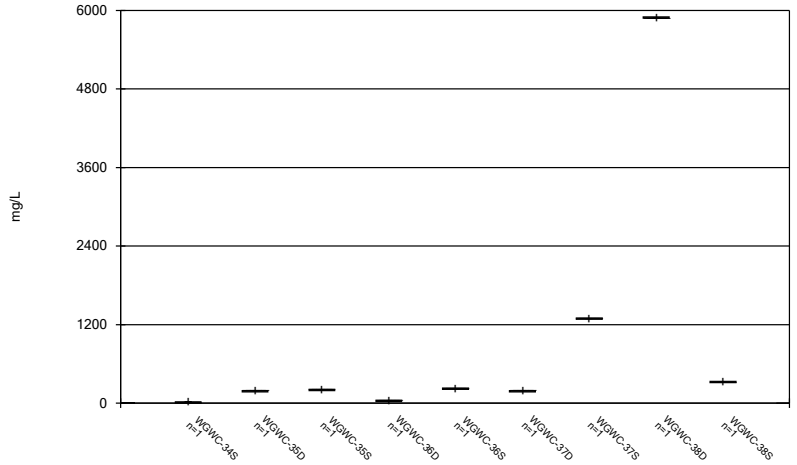


Constituent: TDS Analysis Run 12/17/2025 1:22 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

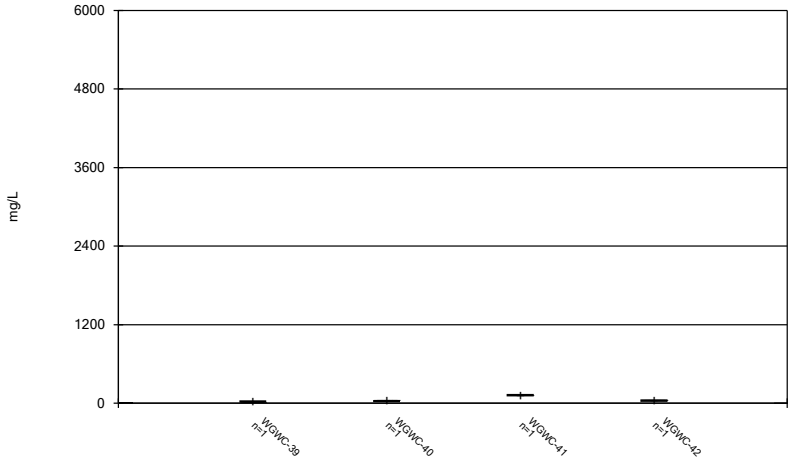


Constituent: TDS Analysis Run 12/17/2025 1:22 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

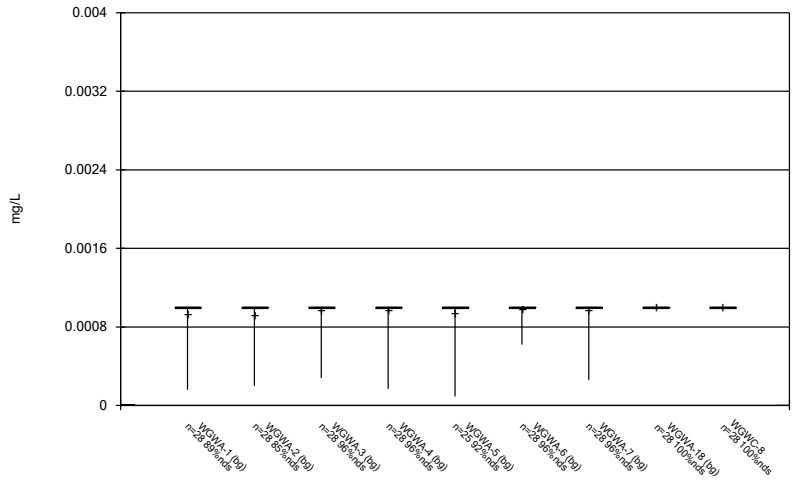


Constituent: TDS Analysis Run 12/17/2025 1:22 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

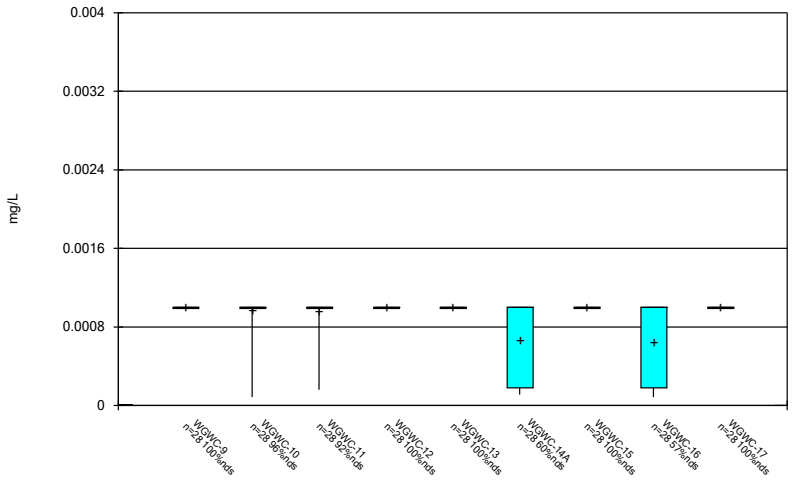


Constituent: Thallium Analysis Run 12/17/2025 1:22 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

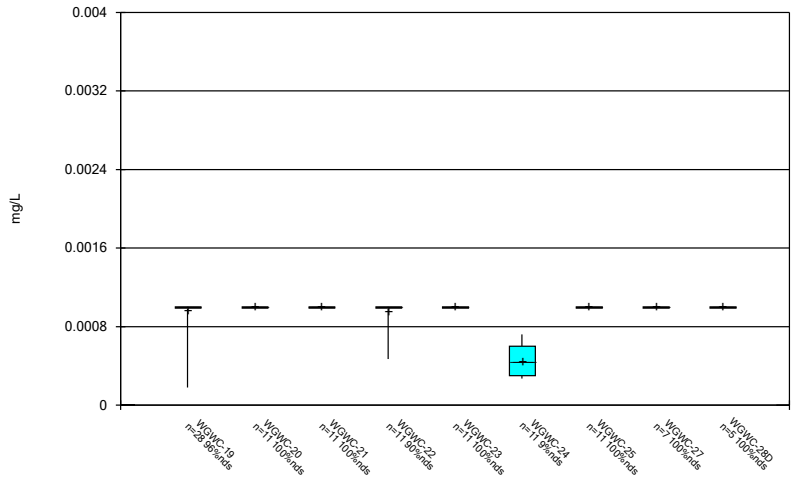


Constituent: Thallium Analysis Run 12/17/2025 1:22 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

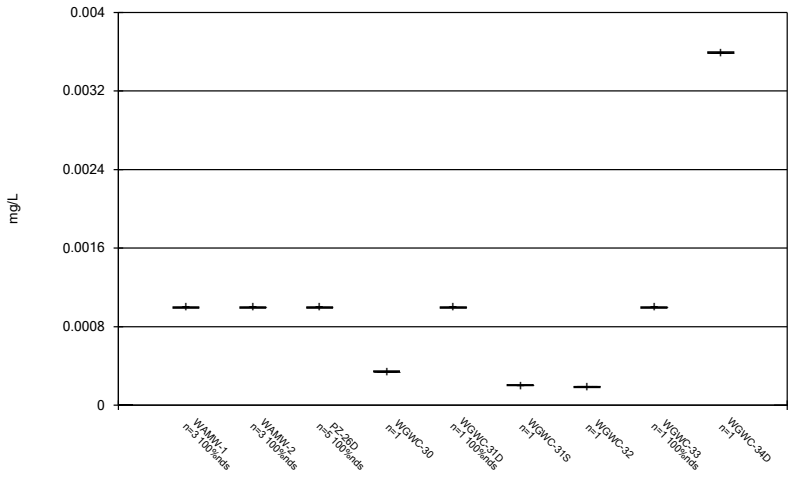


Constituent: Thallium Analysis Run 12/17/2025 1:22 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

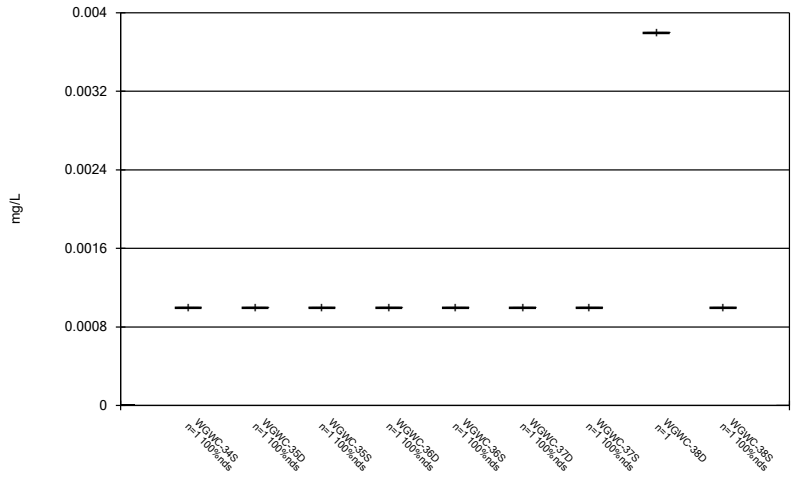


Constituent: Thallium Analysis Run 12/17/2025 1:22 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot

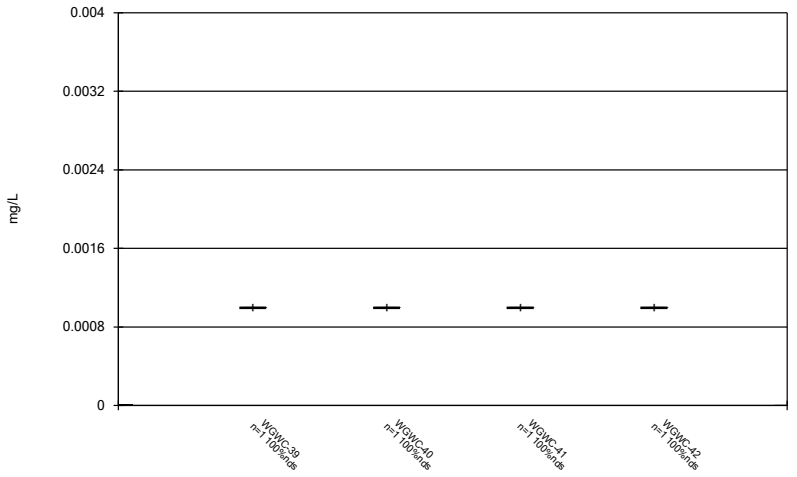


Constituent: Thallium Analysis Run 12/17/2025 1:22 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Box & Whiskers Plot



Constituent: Thallium Analysis Run 12/17/2025 1:22 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

FIGURE C.

Outlier Summary

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 12/17/2025, 1:44 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)

Tukey's Outlier Test - WGWC-28D - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 12/17/2025, 12:24 PM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Boron (mg/L)	WGWC-28D	No	n/a	NP	NaN	7	7.586	4.476	normal	ShapiroWilk
Calcium (mg/L)	WGWC-28D	No	n/a	NP	NaN	7	329	137	normal	ShapiroWilk
Chloride (mg/L)	WGWC-28D	No	n/a	NP	NaN	7	624.3	154.8	normal	ShapiroWilk
Fluoride (mg/L)	WGWC-28D	No	n/a	NP	NaN	7	1.429	1.52	normal	ShapiroWilk
Lithium (mg/L)	WGWC-28D	No	n/a	NP	NaN	7	0.2629	0.1143	normal	ShapiroWilk
pH, Field (SU)	WGWC-28D	No	n/a	NP	NaN	7	6.784	0.313	normal	ShapiroWilk
Sulfate (mg/L)	WGWC-28D	No	n/a	NP	NaN	7	477.1	167.6	normal	ShapiroWilk
TDS (mg/L)	**WGWC-28D**	**Yes**	**3600**	**NP**	**NaN**	**7**	**1971**	**741**	**normal**	**ShapiroWilk**

Tukey's Outlier Test - WGWC-28D - Significant Results

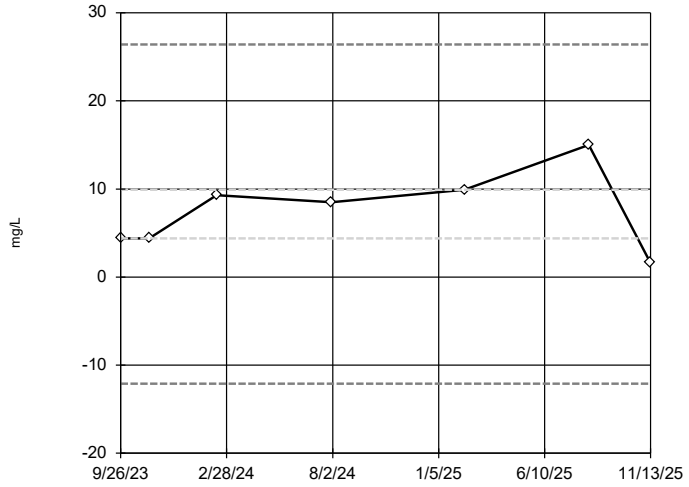
Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 12/17/2025, 12:24 PM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
TDS (mg/L)	**WGWC-28D**	**Yes**	**3600**	**NP**	**NaN**	**7**	**1971**	**741**	**normal**	**ShapiroWilk**

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Tukey's Outlier Screening

WGWC-28D



n = 7

No outliers found. Tukey's method selected by user.

High cutoff = 26.4, low cutoff = -12.1, based on IQR multiplier of 3.

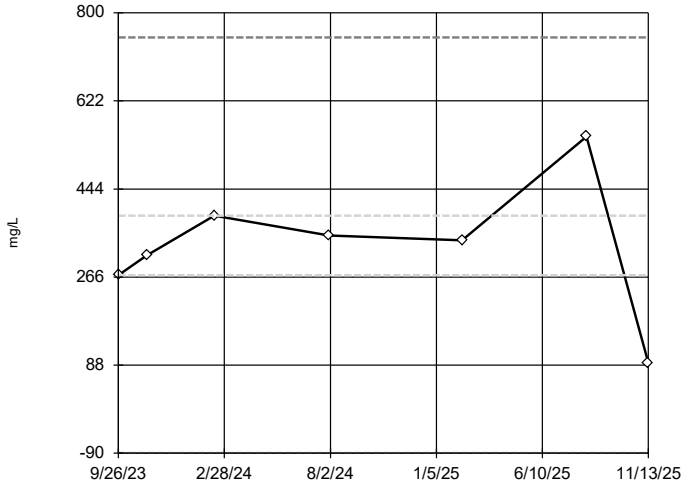
Constituent: Boron Analysis Run 12/17/2025 12:23 PM View: Outlier Check

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Tukey's Outlier Screening

WGWC-28D



n = 7

No outliers found. Tukey's method selected by user.

High cutoff = 750, low cutoff = -90, based on IQR multiplier of 3.

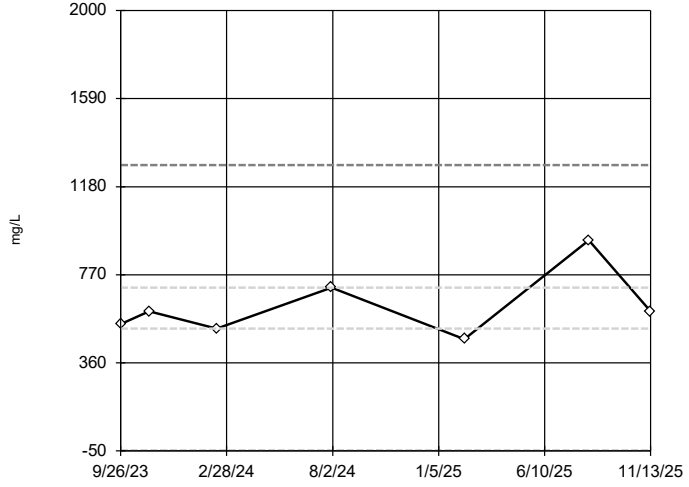
Constituent: Calcium Analysis Run 12/17/2025 12:23 PM View: Outlier Check

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Tukey's Outlier Screening

WGWC-28D



n = 7

No outliers found. Tukey's method selected by user.

High cutoff = 1280, low cutoff = -50, based on IQR multiplier of 3.

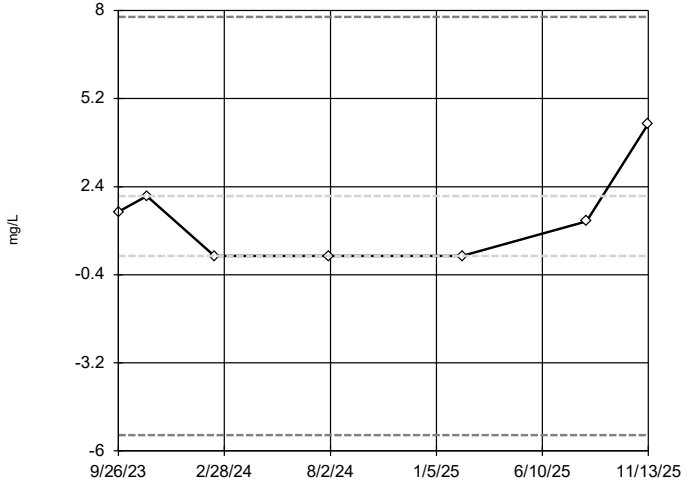
Constituent: Chloride Analysis Run 12/17/2025 12:23 PM View: Outlier Check

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Tukey's Outlier Screening

WGWC-28D



n = 7

No outliers found. Tukey's method selected by user.

High cutoff = 7.8, low cutoff = -5.5, based on IQR multiplier of 3.

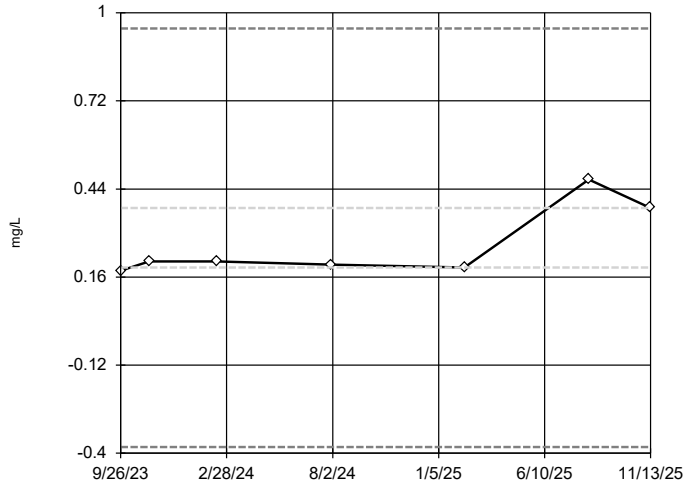
Constituent: Fluoride Analysis Run 12/17/2025 12:23 PM View: Outlier Check

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Tukey's Outlier Screening

WGWC-28D



n = 7

No outliers found. Tukey's method selected by user.

High cutoff = 0.95, low cutoff = -0.38, based on IQR multiplier of 3.

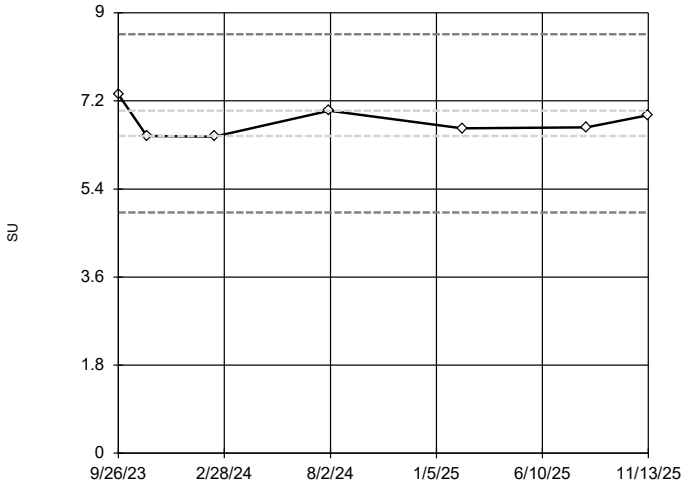
Constituent: Lithium Analysis Run 12/17/2025 12:23 PM View: Outlier Check

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Tukey's Outlier Screening

WGWC-28D



n = 7

No outliers found. Tukey's method selected by user.

High cutoff = 8.56, low cutoff = 4.92, based on IQR multiplier of 3.

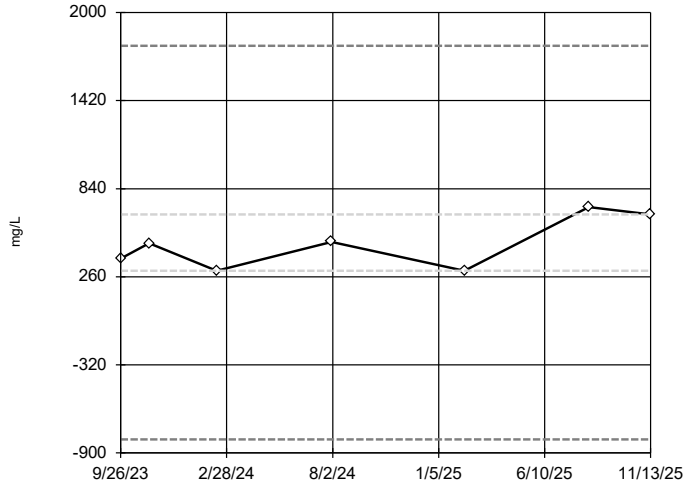
Constituent: pH, Field Analysis Run 12/17/2025 12:23 PM View: Outlier Check

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Tukey's Outlier Screening

WGWC-28D



n = 7

No outliers found. Tukey's method selected by user.

High cutoff = 1780, low cutoff = -810, based on IQR multiplier of 3.

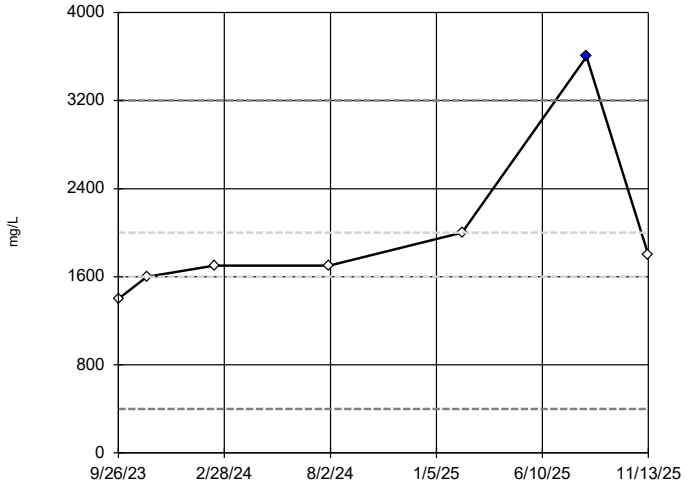
Constituent: Sulfate Analysis Run 12/17/2025 12:23 PM View: Outlier Check

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Tukey's Outlier Screening

WGWC-28D



n = 7

Outlier is drawn as solid. Tukey's method selected by user.

High cutoff = 3200, low cutoff = 400, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 12/17/2025 12:23 PM View: Outlier Check

Plant Wansley Client: Southern Company Data: Wansley AP 1

FIGURE D.

Appendix III Interwell Prediction Limits - Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:06 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-8	0.1	n/a	8/14/2025	3.1	Yes	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-9	0.1	n/a	8/19/2025	0.55	Yes	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-16	0.1	n/a	8/14/2025	0.56	Yes	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-20	0.1	n/a	8/14/2025	4	Yes	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-22	0.1	n/a	8/18/2025	0.29	Yes	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-24	0.1	n/a	8/18/2025	0.42	Yes	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-25	0.1	n/a	8/13/2025	0.74	Yes	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Calcium (mg/L)	WGWC-8	58	n/a	8/14/2025	97	Yes	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-20	58	n/a	8/14/2025	160	Yes	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-21	58	n/a	8/19/2025	60	Yes	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-8	6.05	n/a	8/14/2025	120	Yes	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-16	6.05	n/a	8/14/2025	26	Yes	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-20	6.05	n/a	8/14/2025	180	Yes	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-21	6.05	n/a	8/19/2025	56	Yes	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-24	6.05	n/a	8/18/2025	15	Yes	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-25	6.05	n/a	8/13/2025	12	Yes	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-8	0.284	n/a	8/14/2025	1	Yes	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-9	0.284	n/a	8/19/2025	0.9	Yes	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-10	0.284	n/a	8/19/2025	0.3	Yes	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-15	0.284	n/a	8/13/2025	0.74	Yes	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-19	0.284	n/a	8/14/2025	0.45	Yes	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-20	0.284	n/a	8/14/2025	2.4	Yes	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-21	0.284	n/a	8/19/2025	2	Yes	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-22	0.284	n/a	8/18/2025	0.34	Yes	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-8	21	n/a	8/14/2025	260	Yes	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-9	21	n/a	8/19/2025	47	Yes	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-16	21	n/a	8/14/2025	38	Yes	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-20	21	n/a	8/14/2025	380	Yes	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-21	21	n/a	8/19/2025	320	Yes	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-22	21	n/a	8/18/2025	54	Yes	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-24	21	n/a	8/18/2025	35	Yes	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-8	190	n/a	8/14/2025	740	Yes	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-20	190	n/a	8/14/2025	930	Yes	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-21	190	n/a	8/19/2025	700	Yes	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-25	190	n/a	8/13/2025	280	Yes	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:06 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-8**	**0.1**	**n/a**	**8/14/2025**	**3.1**	**Yes**	**197**	**n/a**	**n/a**	**95.43**	**n/a**	**n/a**	**0.00005078**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**WGWC-9**	**0.1**	**n/a**	**8/19/2025**	**0.55**	**Yes**	**197**	**n/a**	**n/a**	**95.43**	**n/a**	**n/a**	**0.00005078**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	WGWC-10	0.1	n/a	8/19/2025	0.08ND	No	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-11	0.1	n/a	8/18/2025	0.08ND	No	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-12	0.1	n/a	8/15/2025	0.08ND	No	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-13	0.1	n/a	8/14/2025	0.08ND	No	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-14A	0.1	n/a	8/14/2025	0.08ND	No	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-15	0.1	n/a	8/13/2025	0.08ND	No	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	**WGWC-16**	**0.1**	**n/a**	**8/14/2025**	**0.56**	**Yes**	**197**	**n/a**	**n/a**	**95.43**	**n/a**	**n/a**	**0.00005078**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	WGWC-17	0.1	n/a	8/13/2025	0.08ND	No	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-19	0.1	n/a	8/14/2025	0.08ND	No	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	**WGWC-20**	**0.1**	**n/a**	**8/14/2025**	**4**	**Yes**	**197**	**n/a**	**n/a**	**95.43**	**n/a**	**n/a**	**0.00005078**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	WGWC-21	0.1	n/a	8/19/2025	0.1	No	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	**WGWC-22**	**0.1**	**n/a**	**8/18/2025**	**0.29**	**Yes**	**197**	**n/a**	**n/a**	**95.43**	**n/a**	**n/a**	**0.00005078**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	WGWC-23	0.1	n/a	8/19/2025	0.08ND	No	197	n/a	n/a	95.43	n/a	n/a	0.00005078	NP Inter (NDs) 1 of 2
Boron (mg/L)	**WGWC-24**	**0.1**	**n/a**	**8/18/2025**	**0.42**	**Yes**	**197**	**n/a**	**n/a**	**95.43**	**n/a**	**n/a**	**0.00005078**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**WGWC-25**	**0.1**	**n/a**	**8/13/2025**	**0.74**	**Yes**	**197**	**n/a**	**n/a**	**95.43**	**n/a**	**n/a**	**0.00005078**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	**WGWC-8**	**58**	**n/a**	**8/14/2025**	**97**	**Yes**	**205**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	WGWC-9	58	n/a	8/19/2025	10	No	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-10	58	n/a	8/19/2025	7.8	No	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-11	58	n/a	8/18/2025	1.6	No	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-12	58	n/a	8/15/2025	15	No	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-13	58	n/a	8/14/2025	3.6	No	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-14A	58	n/a	8/14/2025	0.7	No	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-15	58	n/a	8/13/2025	31	No	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-16	58	n/a	8/14/2025	17	No	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-17	58	n/a	8/13/2025	6.4	No	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-19	58	n/a	8/14/2025	12	No	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	**WGWC-20**	**58**	**n/a**	**8/14/2025**	**160**	**Yes**	**205**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**WGWC-21**	**58**	**n/a**	**8/19/2025**	**60**	**Yes**	**205**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	WGWC-22	58	n/a	8/18/2025	12	No	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-23	58	n/a	8/19/2025	2.8	No	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-24	58	n/a	8/18/2025	11	No	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-25	58	n/a	8/13/2025	19	No	205	n/a	n/a	0	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	**WGWC-8**	**6.05**	**n/a**	**8/14/2025**	**120**	**Yes**	**205**	**n/a**	**n/a**	**0.4878**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	WGWC-9	6.05	n/a	8/19/2025	5.4	No	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-10	6.05	n/a	8/19/2025	1.8	No	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-11	6.05	n/a	8/18/2025	4.3	No	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-12	6.05	n/a	8/15/2025	3.6	No	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-13	6.05	n/a	8/14/2025	1.5	No	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-14A	6.05	n/a	8/14/2025	2.5	No	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-15	6.05	n/a	8/13/2025	1.4	No	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	**WGWC-16**	**6.05**	**n/a**	**8/14/2025**	**26**	**Yes**	**205**	**n/a**	**n/a**	**0.4878**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	WGWC-17	6.05	n/a	8/13/2025	1.8	No	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-19	6.05	n/a	8/14/2025	3.3	No	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	**WGWC-20**	**6.05**	**n/a**	**8/14/2025**	**180**	**Yes**	**205**	**n/a**	**n/a**	**0.4878**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**WGWC-21**	**6.05**	**n/a**	**8/19/2025**	**56**	**Yes**	**205**	**n/a**	**n/a**	**0.4878**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	WGWC-22	6.05	n/a	8/18/2025	4.3	No	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-23	6.05	n/a	8/19/2025	3.4	No	205	n/a	n/a	0.4878	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Chloride (mg/L)	**WGWC-24**	**6.05**	**n/a**	**8/18/2025**	**15**	**Yes**	**205**	**n/a**	**n/a**	**0.4878**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**WGWC-25**	**6.05**	**n/a**	**8/13/2025**	**12**	**Yes**	**205**	**n/a**	**n/a**	**0.4878**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	**WGWC-8**	**0.284**	**n/a**	**8/14/2025**	**1**	**Yes**	**229**	**n/a**	**n/a**	**49.34**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	**WGWC-9**	**0.284**	**n/a**	**8/19/2025**	**0.9**	**Yes**	**229**	**n/a**	**n/a**	**49.34**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	**WGWC-10**	**0.284**	**n/a**	**8/19/2025**	**0.3**	**Yes**	**229**	**n/a**	**n/a**	**49.34**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	WGWC-11	0.284	n/a	8/18/2025	0.17J	No	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-12	0.284	n/a	8/15/2025	0.22	No	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-13	0.284	n/a	8/14/2025	0.26	No	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-14A	0.284	n/a	8/14/2025	0.2	No	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	**WGWC-15**	**0.284**	**n/a**	**8/13/2025**	**0.74**	**Yes**	**229**	**n/a**	**n/a**	**49.34**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	WGWC-16	0.284	n/a	8/14/2025	0.23	No	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:06 PM

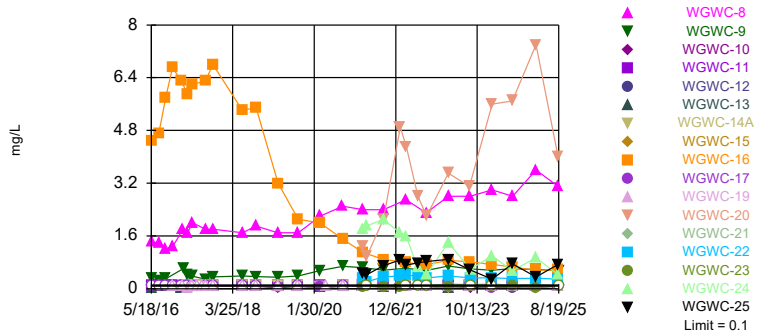
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	WGWC-17	0.284	n/a	8/13/2025	0.22	No	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	**WGWC-19**	**0.284**	**n/a**	**8/14/2025**	**0.45**	**Yes**	**229**	**n/a**	**n/a**	**49.34**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	**WGWC-20**	**0.284**	**n/a**	**8/14/2025**	**2.4**	**Yes**	**229**	**n/a**	**n/a**	**49.34**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	**WGWC-21**	**0.284**	**n/a**	**8/19/2025**	**2**	**Yes**	**229**	**n/a**	**n/a**	**49.34**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	**WGWC-22**	**0.284**	**n/a**	**8/18/2025**	**0.34**	**Yes**	**229**	**n/a**	**n/a**	**49.34**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	WGWC-23	0.284	n/a	8/19/2025	0.18J	No	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-24	0.284	n/a	8/18/2025	0.28	No	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-25	0.284	n/a	8/13/2025	0.2ND	No	229	n/a	n/a	49.34	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-8	8.01	4.54	8/14/2025	5.26	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-9	8.01	4.54	8/19/2025	6.05	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-10	8.01	4.54	8/19/2025	6.45	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-11	8.01	4.54	8/18/2025	5.26	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-12	8.01	4.54	8/15/2025	6.69	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-13	8.01	4.54	8/14/2025	5.93	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-14A	8.01	4.54	8/14/2025	5.03	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-15	8.01	4.54	8/13/2025	7.91	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-16	8.01	4.54	8/14/2025	5.26	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-17	8.01	4.54	8/13/2025	5.76	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-19	8.01	4.54	8/14/2025	6.67	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-20	8.01	4.54	8/14/2025	5.33	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-21	8.01	4.54	8/19/2025	6.73	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-22	8.01	4.54	8/18/2025	5.39	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-23	8.01	4.54	8/19/2025	5.34	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-24	8.01	4.54	8/18/2025	4.57	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-25	8.01	4.54	8/13/2025	5.58	No	228	n/a	n/a	0	n/a	n/a	0.00009815	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**WGWC-8**	**21**	**n/a**	**8/14/2025**	**260**	**Yes**	**205**	**n/a**	**n/a**	**24.39**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**WGWC-9**	**21**	**n/a**	**8/19/2025**	**47**	**Yes**	**205**	**n/a**	**n/a**	**24.39**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	WGWC-10	21	n/a	8/19/2025	2.1	No	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-11	21	n/a	8/18/2025	1.5	No	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-12	21	n/a	8/15/2025	13	No	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-13	21	n/a	8/14/2025	2.9	No	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-14A	21	n/a	8/14/2025	0.8J	No	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-15	21	n/a	8/13/2025	14	No	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**WGWC-16**	**21**	**n/a**	**8/14/2025**	**38**	**Yes**	**205**	**n/a**	**n/a**	**24.39**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	WGWC-17	21	n/a	8/13/2025	3.8	No	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-19	21	n/a	8/14/2025	3.3	No	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**WGWC-20**	**21**	**n/a**	**8/14/2025**	**380**	**Yes**	**205**	**n/a**	**n/a**	**24.39**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**WGWC-21**	**21**	**n/a**	**8/19/2025**	**320**	**Yes**	**205**	**n/a**	**n/a**	**24.39**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**WGWC-22**	**21**	**n/a**	**8/18/2025**	**54**	**Yes**	**205**	**n/a**	**n/a**	**24.39**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	WGWC-23	21	n/a	8/19/2025	6.5	No	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**WGWC-24**	**21**	**n/a**	**8/18/2025**	**35**	**Yes**	**205**	**n/a**	**n/a**	**24.39**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	WGWC-25	21	n/a	8/13/2025	4.2	No	205	n/a	n/a	24.39	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	**WGWC-8**	**190**	**n/a**	**8/14/2025**	**740**	**Yes**	**205**	**n/a**	**n/a**	**5.366**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	WGWC-9	190	n/a	8/19/2025	150	No	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-10	190	n/a	8/19/2025	42	No	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-11	190	n/a	8/18/2025	31	No	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-12	190	n/a	8/15/2025	100	No	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-13	190	n/a	8/14/2025	90	No	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-14A	190	n/a	8/14/2025	27	No	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-15	190	n/a	8/13/2025	150	No	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-16	190	n/a	8/14/2025	120	No	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-17	190	n/a	8/13/2025	86	No	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-19	190	n/a	8/14/2025	88	No	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	**WGWC-20**	**190**	**n/a**	**8/14/2025**	**930**	**Yes**	**205**	**n/a**	**n/a**	**5.366**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**WGWC-21**	**190**	**n/a**	**8/19/2025**	**700**	**Yes**	**205**	**n/a**	**n/a**	**5.366**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	WGWC-22	190	n/a	8/18/2025	160	No	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-23	190	n/a	8/19/2025	76	No	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-24	190	n/a	8/18/2025	110	No	205	n/a	n/a	5.366	n/a	n/a	0.00004908	NP Inter (normality) 1 of 2
TDS (mg/L)	**WGWC-25**	**190**	**n/a**	**8/13/2025**	**280**	**Yes**	**205**	**n/a**	**n/a**	**5.366**	**n/a**	**n/a**	**0.00004908**	**NP Inter (normality) 1 of 2**

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Hollow symbols indicate censored values.

Exceeds Limit: WGWC-8, WGWC-9, WGWC-16, WGWC-20, WGWC-22, WGWC-24, WGWC-25

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 197 background values. 95.43% NDs. Annual per-constituent alpha = 0.001725. Individual comparison alpha = 0.00005078 (1 of 2). Comparing 17 points to limit.

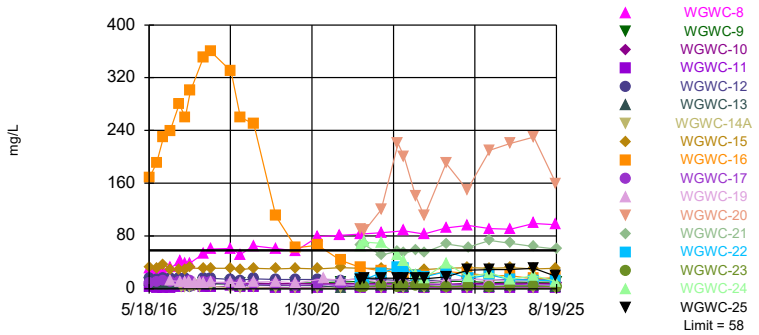
Constituent: Boron Analysis Run 10/22/2025 3:03 PM View: Appendix III Interwell
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Exceeds Limit: WGWC-8, WGWC-20, WGWC-21

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 205 background values. Annual per-constituent alpha = 0.001667. Individual comparison alpha = 0.00004908 (1 of 2). Comparing 17 points to limit.

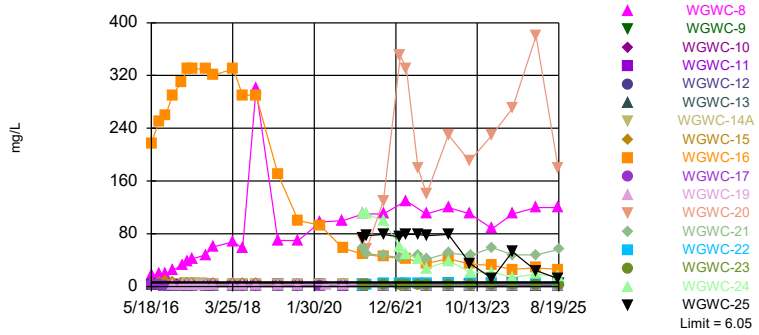
Constituent: Calcium Analysis Run 10/22/2025 3:04 PM View: Appendix III Interwell
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Exceeds Limit: WGWC-8, WGWC-16, WGWC-20, WGWC-21, WGWC-24, WGWC-25

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 205 background values. 0.4878% NDs. Annual per-constituent alpha = 0.001667. Individual comparison alpha = 0.00004908 (1 of 2). Comparing 17 points to limit.

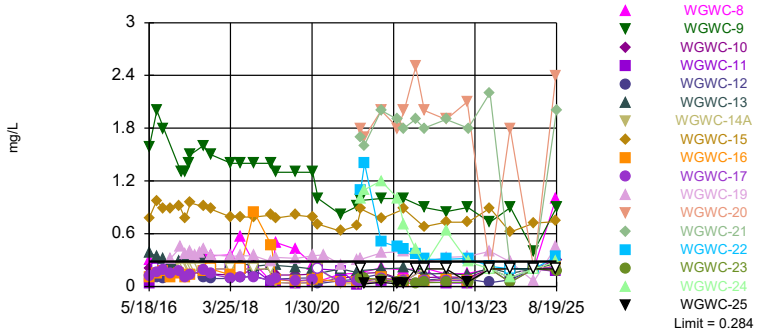
Constituent: Chloride Analysis Run 10/22/2025 3:04 PM View: Appendix III Interwell
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Hollow symbols indicate censored values.

Exceeds Limit: WGWC-8, WGWC-9, WGWC-10, WGWC-15, WGWC-19, WGWC-20, WGWC-21, WGWC-22

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 229 background values. 49.34% NDs. Annual per-constituent alpha = 0.001667. Individual comparison alpha = 0.00004908 (1 of 2). Comparing 17 points to limit.

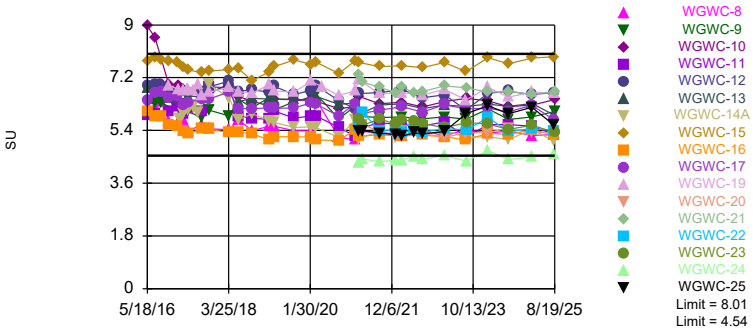
Constituent: Fluoride Analysis Run 10/22/2025 3:04 PM View: Appendix III Interwell
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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 228 background values. Annual per-constituent alpha = 0.003334. Individual comparison alpha = 0.00009815 (1 of 2). Comparing 17 points to limit.

Constituent: pH, Field Analysis Run 10/22/2025 3:04 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

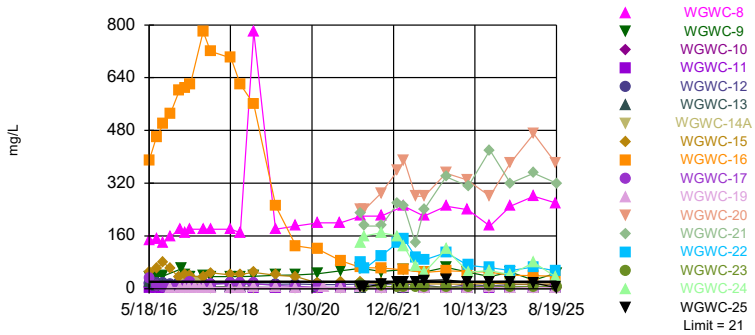
Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Exceeds Limit: WGWC-8, WGWC-9, WGWC-16, WGWC-20, WGWC-21, WGWC-22, WGWC-24

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 205 background values. 24.39% NDs. Annual per-constituent alpha = 0.001667. Individual comparison alpha = 0.00004908 (1 of 2). Comparing 17 points to limit.

Constituent: Sulfate Analysis Run 10/22/2025 3:04 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

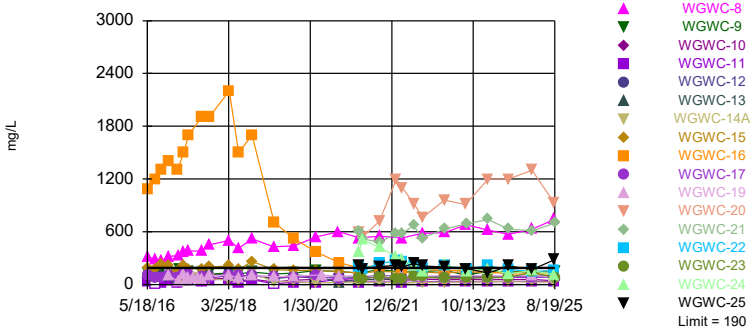
Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Exceeds Limit: WGWC-8, WGWC-20, WGWC-21, WGWC-25

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 205 background values. 5.366% NDs. Annual per-constituent alpha = 0.001667. Individual comparison alpha = 0.00004908 (1 of 2). Comparing 17 points to limit.

Constituent: TDS Analysis Run 10/22/2025 3:04 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (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		<0.08
7/20/2016				<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
9/15/2016									
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	
11/14/2016									
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

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWC-10	WGWC-15
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								<0.08	
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					
9/22/2020	<0.08	<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		<0.08	0.039 (J)	<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	<0.08		
8/25/2021		0.1							
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			
3/3/2022		0.1					<0.08	<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	
2/14/2023	0.026 (J)	<0.08	0.023 (J)		0.03 (J)	<0.08	0.033 (J)		
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)	
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
8/1/2024									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWC-10	WGWC-15
8/2/2024									
2/10/2025	<0.08		<0.08						
2/11/2025		<0.08		<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			
8/13/2025							<0.08		<0.08
8/14/2025									
8/15/2025									
8/18/2025									
8/19/2025								<0.08	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-3 (bg)	WGWC-16	WGWC-17	WGWC-8	WGWC-13	WGWC-12	WGWC-9	WGWC-11	WGWC-19
5/17/2016									
5/18/2016	<0.08	4.48	<0.08						
5/19/2016				1.42	0.0252 (J)	<0.08	0.314	<0.08	
7/19/2016		4.7							
7/20/2016	<0.08		<0.08	1.4	<0.08	<0.08	0.25	<0.08	
9/13/2016	<0.08								
9/14/2016		5.8	<0.08		<0.08	<0.08	0.3	<0.08	
9/15/2016				1.2					
11/9/2016									
11/10/2016	<0.08	6.7	<0.08		<0.08				
11/11/2016						<0.08		<0.08	<0.08
11/14/2016				1.3					
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				1.8					<0.08
2/8/2017									
2/9/2017							0.61		
2/23/2017									
3/13/2017									
3/14/2017	<0.08		<0.08						
3/15/2017		5.9		1.7	<0.08	0.024 (J)	0.42	0.058	0.034 (J)
3/17/2017									
4/11/2017							0.37		<0.08
4/24/2017									
4/25/2017	<0.08	6.2	<0.08						
4/26/2017				2	<0.08	<0.08	0.38	<0.08	<0.08
5/17/2017									
6/7/2017									<0.08
7/11/2017									<0.08
8/8/2017	<0.08								
8/9/2017		6.3	<0.08		<0.08				
8/10/2017				1.8		<0.08	0.29	<0.08	<0.08
8/25/2017									
10/10/2017									
10/11/2017	<0.08	6.8	<0.08						
10/12/2017				1.8	<0.08	<0.08	0.36	<0.08	<0.08
6/13/2018									
6/14/2018	<0.08	5.4	<0.08	1.7	<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		5.5	<0.08	1.9	<0.08	<0.08	0.37	<0.08	<0.08
4/1/2019									
4/2/2019	<0.08								<0.08
4/3/2019				1.7	<0.08	<0.08	0.35	<0.08	
4/4/2019		3.2	0.049 (J)						

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-3 (bg)	WGWC-16	WGWC-17	WGWC-8	WGWC-13	WGWC-12	WGWC-9	WGWC-11	WGWC-19
9/16/2019									
9/17/2019									
9/18/2019	<0.08	2.1	<0.08		<0.08				<0.08
9/19/2019				1.7		<0.08	0.39	<0.08	
3/16/2020									
3/17/2020	<0.08								
3/18/2020		2	0.049 (J)			0.039 (J)		<0.08	
3/19/2020				2.2	0.053 (J)		0.55		
5/4/2020									<0.08
9/21/2020	<0.08								
9/22/2020				2.5					
9/23/2020		1.5	<0.08			<0.08	0.68		<0.08
9/24/2020					<0.08			<0.08	
3/8/2021									
3/9/2021									
3/10/2021	<0.08								
3/11/2021		1.1	<0.08	2.4	<0.08				<0.08
3/12/2021						<0.08	0.64	<0.08	
4/7/2021									
4/8/2021									
8/23/2021									
8/24/2021									
8/25/2021	<0.08	0.89	<0.08		0.063 (J)	<0.08		<0.08	
8/26/2021				2.4			0.56		<0.08
1/11/2022									
1/12/2022									
2/28/2022									
3/1/2022	<0.08								
3/3/2022		0.79		2.7	<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	2.3				<0.08	
8/17/2022		0.73					0.55		<0.08
8/18/2022					<0.08	<0.08			
8/19/2022									
2/14/2023	<0.08								
2/15/2023		0.86					0.69		
2/16/2023			<0.08	2.8	0.033 (J)	0.024 (J)		<0.08	<0.08
8/11/2023									
8/14/2023									
8/15/2023	<0.08	0.81		2.8					
8/16/2023			<0.08		<0.08	<0.08	0.6	<0.08	<0.08
8/17/2023									
2/13/2024	<0.08			3					
2/14/2024						<0.08	0.56		
2/15/2024		0.74	0.027 (J)		<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
8/1/2024				2.8			0.61		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-3 (bg)	WGWC-16	WGWC-17	WGWC-8	WGWC-13	WGWC-12	WGWC-9	WGWC-11	WGWC-19
8/2/2024									
2/10/2025	<0.08								
2/11/2025			<0.08	3.6		<0.08	0.58	<0.08	
2/12/2025		0.56			<0.08				
2/13/2025									<0.08
8/12/2025	<0.08								
8/13/2025			<0.08						
8/14/2025		0.56		3.1	<0.08				<0.08
8/15/2025						<0.08			
8/18/2025								<0.08	
8/19/2025							0.55		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-24	WGWC-23	WGWC-22	WGWC-21
5/17/2016							
5/18/2016							
5/19/2016							
7/19/2016							
7/20/2016							
9/13/2016							
9/14/2016							
9/15/2016							
11/9/2016							
11/10/2016							
11/11/2016							
11/14/2016							
1/17/2017							
1/18/2017							
1/19/2017							
1/20/2017							
1/24/2017							
1/27/2017							
2/6/2017							
2/8/2017	<0.08						
2/9/2017							
2/23/2017	<0.08						
3/13/2017							
3/14/2017							
3/15/2017							
3/17/2017	<0.08						
4/11/2017	<0.08						
4/24/2017							
4/25/2017							
4/26/2017	<0.08						
5/17/2017	<0.08						
6/7/2017	<0.08						
7/11/2017	<0.08						
8/8/2017							
8/9/2017							
8/10/2017							
8/25/2017							
10/10/2017							
10/11/2017	<0.08						
10/12/2017							
6/13/2018							
6/14/2018	<0.08						
9/24/2018							
9/27/2018							
9/28/2018							
10/2/2018							
10/3/2018							
10/4/2018	<0.08						
4/1/2019							
4/2/2019							
4/3/2019	<0.08						
4/4/2019							

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-24	WGWC-23	WGWC-22	WGWC-21
9/16/2019							
9/17/2019							
9/18/2019	<0.08						
9/19/2019							
3/16/2020							
3/17/2020							
3/18/2020							
3/19/2020	0.039 (J)						
5/4/2020							
9/21/2020							
9/22/2020							
9/23/2020							
9/24/2020	<0.08						
3/8/2021		1.3	0.48				
3/9/2021				1.8	0.073 (J)	0.33	0.19
3/10/2021							
3/11/2021	<0.08						
3/12/2021							
4/7/2021				1.9	<0.08		0.13
4/8/2021		0.98	0.43			0.21	
8/23/2021							
8/24/2021							
8/25/2021	0.043 (J)						
8/26/2021		2.1	0.7	2.1	0.052 (J)	0.36	0.087
1/11/2022			0.87	1.7	0.048 (J)	0.39	0.12
1/12/2022		4.9					
2/28/2022							
3/1/2022							
3/3/2022	<0.08			1.6			0.12
3/4/2022		4.3	0.72		<0.08	0.41	
6/6/2022				0.64	<0.08		0.13
6/7/2022		2.8	0.78			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	<0.08					0.33	
2/14/2023							
2/15/2023			0.89	1.4	0.049 (J)	0.39	
2/16/2023	0.03 (J)	3.5					0.14
8/11/2023		3.1					
8/14/2023							
8/15/2023			0.57				
8/16/2023	<0.08						
8/17/2023				0.59	<0.08	0.33	0.12
2/13/2024		5.6					
2/14/2024				1		0.33	
2/15/2024	<0.08		0.29		<0.08		0.14
2/16/2024							
7/30/2024							
7/31/2024		5.7	0.76	0.54	0.076 (J)		
8/1/2024							0.11

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-24	WGWC-23	WGWC-22	WGWC-21
8/2/2024	<0.08					0.31	
2/10/2025							
2/11/2025							
2/12/2025	0.027 (J)	7.4	0.36			0.32	
2/13/2025				0.94	0.024 (J)		0.12
8/12/2025							
8/13/2025			0.74				
8/14/2025	<0.08	4					
8/15/2025							
8/18/2025				0.42		0.29	
8/19/2025					<0.08		0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWC-10	WGWA-3 (bg)
5/17/2016	0.927	12.2	23.7						
5/18/2016				17.9	1.7	27	1.36	7.17	2.1
5/19/2016									
7/19/2016	1	13	23		1.5	23	0.88		
7/20/2016				15				7	1.7
9/13/2016	0.44	13	23	16		25	0.93		1.3
9/14/2016					52			7.7	
9/15/2016									
11/9/2016	1.1	19	6.7			25			
11/10/2016				15			6.1		1.6
11/11/2016								8.2	
11/14/2016									
1/17/2017	1.4	28							
1/18/2017				17		26	10		1.7
1/19/2017			8.5		13				
1/20/2017									
1/24/2017									
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	17	1.6	20	1.3		1.8
3/15/2017								9	
3/17/2017									
4/11/2017									
4/24/2017	1.1	12							
4/25/2017			23	17	1.5	28	1.9		2
4/26/2017								8.1	
5/17/2017									
6/7/2017									
7/11/2017									
8/8/2017	1.1	18	24			26	4.8		2
8/9/2017				15	1.3				
8/10/2017								8.1	
8/25/2017					1.5				
10/10/2017	1.2	21							
10/11/2017			23	17	1.5	29	0.93		2.1
10/12/2017								8.6	
3/27/2018	1.2	15							
3/28/2018			24	15	1.1	26	0.9		1.8
3/29/2018									
3/30/2018								9	
6/13/2018	1.1		11		1.2	25			
6/14/2018		12		15			0.94	7.7	2
9/24/2018		11							
9/27/2018	1.2								
9/28/2018			11						
10/2/2018						26			
10/3/2018				16	1.4		1.2		1.8
10/4/2018								8.5	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWC-10	WGWA-3 (bg)
4/1/2019	1	12							
4/2/2019			20	15	1.1	25	1.1		1.8
4/3/2019									
4/4/2019								7.9	
9/16/2019	1.3				36	25			
9/17/2019		13	10	16					
9/18/2019							1.5		1.6
9/19/2019								7.5	
3/16/2020	1.1	10							
3/17/2020			10	15	1.4	26	0.82		1.7
3/18/2020								7.5	
3/19/2020									
5/4/2020									
9/21/2020		13		16					1.8
9/22/2020	1.2		19		58	25	0.89		
9/23/2020								7.7	
9/24/2020									
3/8/2021									
3/9/2021									
3/10/2021		11	7.7	16	1.3		0.89		1.9
3/11/2021	1.3					26		7.9	
3/12/2021									
4/7/2021									
4/8/2021									
8/23/2021		13							
8/24/2021	1.2			15	47	26	1.7		
8/25/2021			16						1.7
8/26/2021								7.6	
1/11/2022									
1/12/2022									
2/28/2022				14					
3/1/2022	1.1	13			2.1	22			1.6
3/3/2022			6.1				1.4	7.1	
3/4/2022									
6/6/2022									
6/7/2022									
8/15/2022	1.2	12			51	24			
8/16/2022			8.8	16			0.94		1.8
8/17/2022									
8/18/2022									
8/19/2022								7.3	
2/14/2023	1.4	12	5.7		1.3	29	1.3		2
2/15/2023				18					
2/16/2023								6.9	
8/11/2023									
8/14/2023	1.5	14							
8/15/2023			8.3	17	26	27	1.8		1.9
8/16/2023									
8/17/2023								8	
2/13/2024	1.3	12	4.6	17		27	11		1.7
2/14/2024									
2/15/2024								7.7	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWC-10	WGWA-3 (bg)
2/16/2024					0.92				
7/30/2024	1.4	16	15	18		29	1.6		1.9
7/31/2024								8	
8/1/2024									
8/2/2024									
2/10/2025	1.4	16							1.8
2/11/2025			4.4	17		27	8.7		
2/12/2025									
2/13/2025								8	
8/12/2025	1.3	12	6.6	16		26			1.8
8/13/2025							1.1		
8/14/2025									
8/15/2025									
8/18/2025									
8/19/2025								7.8	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-17	WGWC-16	WGWC-15	WGWC-13	WGWC-8	WGWC-9	WGWC-11	WGWC-12	WGWC-19
5/17/2016									
5/18/2016	8.24	168	32.5						
5/19/2016				11.4	31.4	8.53	1.95	15.8	
7/19/2016		190	30						
7/20/2016	11			7.1	28	8.2	1.5	14	
9/13/2016									
9/14/2016	12	230	37	7.4		8.8	1.8	16	
9/15/2016					27				
11/9/2016									
11/10/2016	11	240	29	6.4					
11/11/2016							1.7	15	12
11/14/2016					32				
1/17/2017									
1/18/2017									
1/19/2017									
1/20/2017	10								
1/24/2017		280	28						
1/27/2017				6.2			3.5	16	
2/6/2017					41				11
2/8/2017									
2/9/2017						10			
2/23/2017									
3/13/2017									
3/14/2017	8.8		29						
3/15/2017		260		6.7	38	8.6	3.8	16	10
3/17/2017									
4/11/2017						8.6			11
4/24/2017									
4/25/2017	12	300	32						
4/26/2017				6.5	39	7.1	4	3	8.4
5/17/2017									
6/7/2017									9
7/11/2017									9.5
8/8/2017									
8/9/2017	11	350	30	7					
8/10/2017					53	7.5	3.5	15	8.8
8/25/2017									
10/10/2017									
10/11/2017	10	360	31						
10/12/2017				7	60	8.2	2.7	16	9.5
3/27/2018									
3/28/2018									
3/29/2018		330		7	61	7.6	3.9	14	10
3/30/2018	7.2		31						
6/13/2018									
6/14/2018	6.2	260	29	5.5	52	7.5	2.2	13	8.9
9/24/2018									
9/27/2018									
9/28/2018									
10/2/2018									
10/3/2018			31						
10/4/2018	6.4	250		5.9	65	8	2	15	10

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-17	WGWC-16	WGWC-15	WGWC-13	WGWC-8	WGWC-9	WGWC-11	WGWC-12	WGWC-19
4/1/2019									
4/2/2019									11
4/3/2019				4.7	61	7.2	1.7	14	
4/4/2019	5.6	110	30						
9/16/2019									
9/17/2019									
9/18/2019	5.5	62	31	4.9					8.8
9/19/2019					57	8.1	1.4	14	
3/16/2020									
3/17/2020									
3/18/2020	6.3	66	30				1.6	14	
3/19/2020				5	79	9.3			
5/4/2020									15
9/21/2020									
9/22/2020					81				
9/23/2020	5.9	43	32			10		13	13
9/24/2020				1.4			5.2		
3/8/2021									
3/9/2021									
3/10/2021									
3/11/2021	5.7	32		4	83				15
3/12/2021			31			11	1.6	15	
4/7/2021									
4/8/2021									
8/23/2021									
8/24/2021									
8/25/2021	6	27		4			1.5	14	
8/26/2021			31		85	9.3			10
1/11/2022									
1/12/2022									
2/28/2022									
3/1/2022									
3/3/2022		24	28	3.4	88	8.6	1.3		12
3/4/2022	5.3							12	
6/6/2022									
6/7/2022									
8/15/2022									
8/16/2022	5.6				83		1.6		
8/17/2022		20	29			9			9.8
8/18/2022				3.5				13	
8/19/2022									
2/14/2023									
2/15/2023		26	31			11			
2/16/2023	6			3.8	92		1.7	12	13
8/11/2023									
8/14/2023									
8/15/2023		23			96				
8/16/2023	6.3		32	4.1		11	1.7	15	14
8/17/2023									
2/13/2024					91				
2/14/2024						9.1		13	
2/15/2024	6.2	20	31	3.7					14

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-17	WGWC-16	WGWC-15	WGWC-13	WGWC-8	WGWC-9	WGWC-11	WGWC-12	WGWC-19
2/16/2024							1.6		
7/30/2024		20							
7/31/2024	6.8		32	3.8			1.8	14	12
8/1/2024					90	10			
8/2/2024									
2/10/2025									
2/11/2025	5.8				99	9.6	1.7	14	
2/12/2025		15		3.8					
2/13/2025			30						13
8/12/2025									
8/13/2025	6.4		31						
8/14/2025		17		3.6	97				12
8/15/2025								15	
8/18/2025							1.6		
8/19/2025						10			

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-23	WGWC-22	WGWC-21	WGWC-24
5/17/2016							
5/18/2016							
5/19/2016							
7/19/2016							
7/20/2016							
9/13/2016							
9/14/2016							
9/15/2016							
11/9/2016							
11/10/2016							
11/11/2016							
11/14/2016							
1/17/2017							
1/18/2017							
1/19/2017							
1/20/2017							
1/24/2017							
1/27/2017							
2/6/2017							
2/8/2017	3.2						
2/9/2017							
2/23/2017	4.1						
3/13/2017							
3/14/2017							
3/15/2017							
3/17/2017	2.4						
4/11/2017	4.1						
4/24/2017							
4/25/2017							
4/26/2017	2.5						
5/17/2017	5.2						
6/7/2017	5.2						
7/11/2017	2.3						
8/8/2017							
8/9/2017							
8/10/2017							
8/25/2017							
10/10/2017							
10/11/2017	3.8						
10/12/2017							
3/27/2018							
3/28/2018							
3/29/2018	1.2						
3/30/2018							
6/13/2018							
6/14/2018	1.1						
9/24/2018							
9/27/2018							
9/28/2018							
10/2/2018							
10/3/2018							
10/4/2018	2						

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-23	WGWC-22	WGWC-21	WGWC-24
4/1/2019							
4/2/2019							
4/3/2019	0.84						
4/4/2019							
9/16/2019							
9/17/2019							
9/18/2019	0.85						
9/19/2019							
3/16/2020							
3/17/2020							
3/18/2020							
3/19/2020	0.89						
5/4/2020							
9/21/2020							
9/22/2020							
9/23/2020							
9/24/2020	0.99						
3/8/2021		90	14				
3/9/2021				3.2	15	66	65
3/10/2021							
3/11/2021	0.79						
3/12/2021							
4/7/2021				2.7		67	71
4/8/2021		88	16		14		
8/23/2021							
8/24/2021							
8/25/2021	0.7						
8/26/2021		120	16	4.6	24	51	69
1/11/2022			16	3.1	32	57	51
1/12/2022		220					
2/28/2022							
3/1/2022							
3/3/2022	0.65					54	42
3/4/2022		200	16	4	31		
6/6/2022				4.5		58	22
6/7/2022		140	15		19		
8/15/2022							
8/16/2022						55	
8/17/2022			15	4.6			
8/18/2022		110					16
8/19/2022	0.64				18		
2/14/2023							
2/15/2023			18	2.4	26		39
2/16/2023	0.69	190				68	
8/11/2023		150					
8/14/2023							
8/15/2023			28				
8/16/2023	0.7						
8/17/2023				4.2	16	63	18
2/13/2024		210					
2/14/2024					21		24
2/15/2024	0.66		29	2.5		73	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-23	WGWC-22	WGWC-21	WGWC-24
2/16/2024							
7/30/2024							
7/31/2024		220	29	4.2			14
8/1/2024						69	
8/2/2024	0.68				14		
2/10/2025							
2/11/2025							
2/12/2025	0.77	230	31		13		
2/13/2025				4.4		64	20
8/12/2025							
8/13/2025			19				
8/14/2025	0.7	160					
8/15/2025							
8/18/2025					12		11
8/19/2025				2.8		60	

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWC-10	WGWA-3 (bg)
5/17/2016	3.8	2.5	6.05						
5/18/2016				1.45	2.14	1.58	2.06	1.45	1.92
5/19/2016									
7/19/2016	3.9	2.6	4		2.4	1.6	2.1		
7/20/2016				1.4				1.6	1.8
9/13/2016	3.6	2.4	3.1	1.4		1.4	2		1.7
9/14/2016					2.1			1.5	
9/15/2016									
11/9/2016	3.9	2.3	2.3			1.5			
11/10/2016				1.3			1.8		1.6
11/11/2016								1.5	
11/14/2016									
1/17/2017	3.8	2.3							
1/18/2017				1.3		1.5	1.8		1.7
1/19/2017			2		1.8				
1/20/2017									
1/24/2017									
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	1.2	2	2.5	1.8		1.6
3/15/2017								1.4	
3/17/2017									
4/11/2017									
4/24/2017	3.4	2.2							
4/25/2017			1.9	1.2	1.8	1.3	1.8		1.6
4/26/2017								1.3	
5/17/2017									
6/7/2017									
7/11/2017									
8/8/2017	3.6	2.3	2			1.4	1.9		1.7
8/9/2017				1.2	1.9				
8/10/2017								1.4	
8/25/2017					2				
10/10/2017	3.6	2.5							
10/11/2017			1.9	1.2	2.1	1.3	1.8		1.6
10/12/2017								1.3	
3/27/2018	3.6	2.2							
3/28/2018			2.2	1.1	1.4	1.3	1.8		1.6
3/29/2018									
3/30/2018								1.3	
6/13/2018	3.8		2		1.7	1.4			
6/14/2018		2.3		1.2			1.7	1.3	1.6
9/24/2018		2.4							
9/27/2018	4								
9/28/2018			2.1						
10/2/2018						1.4			
10/3/2018				1.2	1.8		1.8		1.6
10/4/2018								1.3	

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWC-10	WGWA-3 (bg)
4/1/2019	4	2.4							
4/2/2019			2.6	1.2	1.7	1.5	1.9		1.7
4/3/2019									
4/4/2019								1.4	
9/16/2019	4				1.8	1.5			
9/17/2019		2.4	2	1.2					
9/18/2019							2		1.7
9/19/2019								1.5	
3/16/2020	4.3	2.7							
3/17/2020			2.3	1.4	1.6	1.7	2.2		1.8
3/18/2020								1.5	
3/19/2020									
5/4/2020									
9/21/2020		2.5		1.2					1.5
9/22/2020	4		2.1		1.5	1.4	1.8		
9/23/2020								1.3	
9/24/2020									
3/8/2021									
3/9/2021									
3/10/2021		2.6	1.9	1.2	1.8		1.9		1.8
3/11/2021	4.5					1.5		1.7	
3/12/2021									
4/7/2021									
4/8/2021									
8/23/2021		3.3							
8/24/2021	5.1			1.5	2.1	1.8	1.9		
8/25/2021			2.3						1.9
8/26/2021								1.6	
1/11/2022									
1/12/2022									
2/28/2022				1.2					
3/1/2022	4.1	2.7			1.5	1.5			1.8
3/3/2022			2				2.1	1.6	
3/4/2022									
6/6/2022									
6/7/2022									
8/15/2022	4	2.7			1.5	1.5			
8/16/2022			1.9	1.2			1.9		1.6
8/17/2022									
8/18/2022									
8/19/2022								1.4	
2/14/2023	3.9	2.6	1.9		1.3	1.5	1.8		1.6
2/15/2023				1.2					
2/16/2023								1.3	
8/11/2023									
8/14/2023	3.8	2.5							
8/15/2023			1.8	1.2	1.2	1.4	1.7		1.6
8/16/2023									
8/17/2023								1.3	
2/13/2024	3.5	2.4	1.7	1.1		1.4	1.6		1.5
2/14/2024									
2/15/2024								1.8	

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWC-10	WGWA-3 (bg)
2/16/2024					1.6				
7/30/2024	3.9	2.9	2.1	1.8		1.8	2		1.8
7/31/2024								1.7	
8/1/2024									
8/2/2024									
2/10/2025	4.6	3.3							2
2/11/2025			2.5	1.7		1.8	2.4		
2/12/2025									
2/13/2025								1.5	
8/12/2025	3.3	2.6	2.2	<5		1.4			1.5
8/13/2025							1.9		
8/14/2025									
8/15/2025									
8/18/2025									
8/19/2025								1.8	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-17	WGWC-16	WGWC-15	WGWC-13	WGWC-8	WGWC-9	WGWC-11	WGWC-12	WGWC-19
5/17/2016									
5/18/2016	2.72	217	4.59						
5/19/2016				2.26	17.5	1.46	3.21	3.8	
7/19/2016		250	5.9						
7/20/2016	1.9			1.9	19	1.5	3.4	3.8	
9/13/2016									
9/14/2016	1.6	260	7.9	1.6		1.4	3.1	3.7	
9/15/2016					19				
11/9/2016									
11/10/2016	1.6	290	6.5	1.4					
11/11/2016							3.2	3.5	2.6
11/14/2016					25				
1/17/2017									
1/18/2017									
1/19/2017									
1/20/2017	1.5								
1/24/2017		310	4.1						
1/27/2017				1.4			3.4	3.1	
2/6/2017					33				2.6
2/8/2017									
2/9/2017						1.5			
2/23/2017									
3/13/2017									
3/14/2017	1.5		4.4						
3/15/2017		330		1.4	38	1.3	3.1	3.2	2.4
3/17/2017									
4/11/2017						1.2			2.3
4/24/2017									
4/25/2017	1.8	330	4						
4/26/2017				1.3	42	1.2	3.1	3.2	2.3
5/17/2017									
6/7/2017									2.5
7/11/2017									2.3
8/8/2017									
8/9/2017	1.4	330	3.6	1.4					
8/10/2017					48	1.3	3.1	3.4	2.5
8/25/2017									
10/10/2017									
10/11/2017	1.5	320	5						
10/12/2017				1.2	60	1.4	3	3.1	2.3
3/27/2018									
3/28/2018									
3/29/2018		330		1.2	68	1.2	3.1	3.1	2.3
3/30/2018	1.5		4.2						
6/13/2018									
6/14/2018	1.5	290	4.3	1.2	58	1.2	3	3	2.4
9/24/2018									
9/27/2018									
9/28/2018									
10/2/2018									
10/3/2018			4.8						
10/4/2018	1.5	290		1.2	300	1.2	3.1	3.1	2.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-17	WGWC-16	WGWC-15	WGWC-13	WGWC-8	WGWC-9	WGWC-11	WGWC-12	WGWC-19
4/1/2019									
4/2/2019									2.5
4/3/2019				1.2	70	2	3.3	3	
4/4/2019	1.4	170	3.7						
9/16/2019									
9/17/2019									
9/18/2019	1.5	100	3.2	1.2					2.7
9/19/2019					70	1.5	3.2	3.2	
3/16/2020									
3/17/2020									
3/18/2020	1.5	93	1.7				3.2	3.2	
3/19/2020				1.3	98	2.1			
5/4/2020									2.8
9/21/2020									
9/22/2020					100				
9/23/2020	1.2	58	1.5			2.4		2.8	2.6
9/24/2020				1.6			1		
3/8/2021									
3/9/2021									
3/10/2021									
3/11/2021	1.3	49		1.2	110				2.9
3/12/2021			1.6			3.4	3.6	3.5	
4/7/2021									
4/8/2021									
8/23/2021									
8/24/2021									
8/25/2021	1.6	45		1.2			3.5	3.7	
8/26/2021			1.4		110	3.1			3.3
1/11/2022									
1/12/2022									
2/28/2022									
3/1/2022									
3/3/2022		42	1.4	1	130	3.5	3.6		3.2
3/4/2022	1.3							3.2	
6/6/2022									
6/7/2022									
8/15/2022									
8/16/2022	1.3				110		3.5		
8/17/2022		35	1.2			3.2			2.8
8/18/2022				0.98 (J)				3	
8/19/2022									
2/14/2023									
2/15/2023		42	1			3.9			
2/16/2023	1.2			0.97 (J)	120		3.3	2.9	2.6
8/11/2023									
8/14/2023									
8/15/2023		34			110				
8/16/2023	1.1		0.95 (J)	0.91 (J)		3.3	3.3	2.8	2.5
8/17/2023									
2/13/2024					88				
2/14/2024						3.2		2.8	
2/15/2024	1.6	32	1.4	1.3					3.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-17	WGWC-16	WGWC-15	WGWC-13	WGWC-8	WGWC-9	WGWC-11	WGWC-12	WGWC-19
2/16/2024							4.3		
7/30/2024		26							
7/31/2024	1.6		1.3	1.2			3.8	3.4	3.1
8/1/2024					110	4.3			
8/2/2024									
2/10/2025									
2/11/2025	1.9				120	2	0.45 (J)	3.7	
2/12/2025		28		1.3					
2/13/2025			1.1						3.1
8/12/2025									
8/13/2025	1.8		1.4						
8/14/2025		26		1.5	120				3.3
8/15/2025								3.6	
8/18/2025							4.3		
8/19/2025						5.4			

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-23	WGWC-22	WGWC-21	WGWC-24
5/17/2016							
5/18/2016							
5/19/2016							
7/19/2016							
7/20/2016							
9/13/2016							
9/14/2016							
9/15/2016							
11/9/2016							
11/10/2016							
11/11/2016							
11/14/2016							
1/17/2017							
1/18/2017							
1/19/2017							
1/20/2017							
1/24/2017							
1/27/2017							
2/6/2017							
2/8/2017	2.5						
2/9/2017							
2/23/2017	4.3						
3/13/2017							
3/14/2017							
3/15/2017							
3/17/2017	4.8						
4/11/2017	3.8						
4/24/2017							
4/25/2017							
4/26/2017	4.8						
5/17/2017	3.9						
6/7/2017	3.2						
7/11/2017	4.1						
8/8/2017							
8/9/2017							
8/10/2017							
8/25/2017							
10/10/2017							
10/11/2017	2.2						
10/12/2017							
3/27/2018							
3/28/2018							
3/29/2018	2.5						
3/30/2018							
6/13/2018							
6/14/2018	2.8						
9/24/2018							
9/27/2018							
9/28/2018							
10/2/2018							
10/3/2018							
10/4/2018	2.2						

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-23	WGWC-22	WGWC-21	WGWC-24
4/1/2019							
4/2/2019							
4/3/2019	2.4						
4/4/2019							
9/16/2019							
9/17/2019							
9/18/2019	2.2						
9/19/2019							
3/16/2020							
3/17/2020							
3/18/2020							
3/19/2020	1.9						
5/4/2020							
9/21/2020							
9/22/2020							
9/23/2020							
9/24/2020	3.1						
3/8/2021		70	74				
3/9/2021				3.5	2.9	58	110
3/10/2021							
3/11/2021	2.6						
3/12/2021							
4/7/2021				3.7		50	110
4/8/2021		57	77		2.4		
8/23/2021							
8/24/2021							
8/25/2021	2.8						
8/26/2021		130	79	3.3	4.2	47	100
1/11/2022			75	2.9	5.1	44	60
1/12/2022		350					
2/28/2022							
3/1/2022							
3/3/2022	2.4					45	50
3/4/2022		330	79	2.9	5.3		
6/6/2022				3.1		48	41
6/7/2022		180	79		4.3		
8/15/2022							
8/16/2022						41	
8/17/2022			77	3.2			
8/18/2022		140					27
8/19/2022	2.1				4.2		
2/14/2023							
2/15/2023			79	2.9	4.6		39
2/16/2023	1.9	230				51	
8/11/2023		190					
8/14/2023							
8/15/2023			35				
8/16/2023	1.8						
8/17/2023				2.9	3.9	47	22
2/13/2024		230					
2/14/2024					4.1		22
2/15/2024	2.5		12	3.5		59	

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-23	WGWC-22	WGWC-21	WGWC-24
2/16/2024							
7/30/2024							
7/31/2024		270	53	3.2			14
8/1/2024						48	
8/2/2024	2.4				4.4		
2/10/2025							
2/11/2025							
2/12/2025	2.4	380	24		4.1		
2/13/2025				3.1		48	19
8/12/2025							
8/13/2025			12				
8/14/2025	2.5	180					
8/15/2025							
8/18/2025					4.3		15
8/19/2025				3.4		56	

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWA-7 (bg)	WGWA-6 (bg)	WGWC-15	WGWA-5 (bg)	WGWC-16	WGWA-4 (bg)
5/17/2016	0.0131 (J)	0.284 (J)	0.0538 (J)						
5/18/2016				0.018 (J)	0.106 (J)	0.779	0.014 (J)	0.1 (J)	0.164 (J)
5/19/2016									
7/19/2016	<0.2	0.21	<0.2	<0.2	0.11 (J)	0.97	<0.2	0.14 (J)	
7/20/2016									0.17 (J)
9/13/2016	<0.2	0.15 (J)	<0.2	<0.2	0.11 (J)				0.15 (J)
9/14/2016						0.89	0.095 (J)	0.18 (J)	
9/15/2016									
11/9/2016	<0.2	<0.2	0.085 (J)		0.1 (J)				
11/10/2016				<0.2		0.88		0.11 (J)	0.12 (J)
11/11/2016									
11/14/2016									
1/17/2017	<0.2		<0.2						
1/18/2017				<0.2	0.11 (J)				0.15 (J)
1/19/2017		0.087 (J)					<0.2		
1/20/2017									
1/24/2017						0.92		0.15 (J)	
1/27/2017									
2/6/2017									
2/8/2017									
2/9/2017									
2/23/2017									
3/13/2017	<0.2		<0.2						
3/14/2017		<0.2		<0.2	<0.2	0.77	<0.2		0.13 (J)
3/15/2017								0.1 (J)	
3/17/2017									
4/11/2017									
4/24/2017	<0.2		<0.2						
4/25/2017		<0.2		<0.2	<0.2	0.95	<0.2	0.13 (J)	0.12 (J)
4/26/2017									
5/17/2017									
6/7/2017									
7/11/2017									
8/8/2017	<0.2	0.087 (J)	<0.2	<0.2	0.099 (J)				
8/9/2017						0.91	<0.2	0.18 (J)	0.14 (J)
8/10/2017									
8/25/2017							<0.2		
10/10/2017	<0.2		0.18 (J)						
10/11/2017		0.09 (J)		<0.2	0.098 (J)	0.88	<0.2	<0.2	0.14 (J)
10/12/2017									
3/27/2018	<0.2		<0.2						
3/28/2018		0.11 (J)		<0.2	0.088 (J)		<0.2		0.12 (J)
3/29/2018								0.13 (J)	
3/30/2018						0.79			
6/13/2018	<0.2	0.085 (J)			0.093 (J)		<0.2		
6/14/2018			<0.2	<0.2		0.79		<0.2	0.12 (J)
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		0.79	<0.2		0.13 (J)
10/4/2018								0.85 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWA-7 (bg)	WGWA-6 (bg)	WGWC-15	WGWA-5 (bg)	WGWC-16	WGWA-4 (bg)
2/25/2019	<0.2		0.032 (J)						
2/26/2019		0.23		<0.2	0.074 (J)		<0.2		0.14 (J)
2/27/2019						0.81		0.47	
2/28/2019									
4/1/2019	<0.2		0.061 (J)						
4/2/2019		0.21		<0.2	0.09 (J)		<0.2		0.14 (J)
4/3/2019									
4/4/2019						0.78		0.08 (J)	
9/16/2019	0.03 (J)				0.1 (J)		<0.2		
9/17/2019		0.079 (J)	0.061 (J)						0.14 (J)
9/18/2019				0.027 (J)		0.81		0.058 (J)	
9/19/2019									
2/3/2020	0.032 (J)		0.061 (J)						
2/4/2020					0.13		<0.2		0.13
2/5/2020		0.12		0.026 (J)					
2/7/2020						0.79		0.072 (J)	
3/16/2020	0.042 (J)		0.052 (J)						
3/17/2020		<0.2		0.044 (J)	0.037 (J)		<0.2		0.11
3/18/2020						0.71		0.084 (J)	
3/19/2020									
5/4/2020									
9/21/2020			0.037 (J)						0.091 (J)
9/22/2020	<0.2	0.1		<0.2	0.068 (J)		<0.2		
9/23/2020						0.63		0.049 (J)	
9/24/2020									
2/2/2021	0.028 (J)	0.071 (J)	0.065 (J)	<0.2					0.15
2/3/2021					0.088 (J)		<0.2		
2/4/2021						0.69		0.052 (J)	
3/8/2021									
3/9/2021									
3/10/2021		0.046 (J)	0.045 (J)	<0.2			<0.2		0.12
3/11/2021	<0.2				0.092 (J)			0.061 (J)	
3/12/2021						0.88			
4/7/2021									
4/8/2021									
8/23/2021			0.097 (J)						
8/24/2021	0.062 (J)			0.054 (J)	0.16		0.073 (J)		0.17
8/25/2021		0.13						0.099 (J)	
8/26/2021						0.77			
1/11/2022									
1/12/2022									
2/28/2022									0.083 (J)
3/1/2022	<0.2		0.058 (J)		0.063 (J)		<0.2		
3/3/2022		0.078 (J)		0.038 (J)		0.88		0.067 (J)	
3/4/2022									
6/6/2022									
6/7/2022									
8/15/2022	<0.2		0.057 (J)		0.093 (J)		<0.2		
8/16/2022		0.06 (J)		<0.2					0.12
8/17/2022						0.68		0.062 (J)	
8/18/2022									
8/19/2022									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWA-7 (bg)	WGWA-6 (bg)	WGWC-15	WGWA-5 (bg)	WGWC-16	WGWA-4 (bg)
2/14/2023	<0.2	0.053 (J)	0.07 (J)	<0.2	0.11		<0.2		
2/15/2023						0.73		0.076 (J)	0.14
2/16/2023									
8/11/2023									
8/14/2023	<0.2		0.061 (J)						
8/15/2023		0.051 (J)		<0.2	0.12		<0.2	0.065 (J)	0.14
8/16/2023						0.73			
8/17/2023									
2/13/2024	<0.2	0.076 (J)	<0.2	<0.2	0.07 (J)				0.087 (J)
2/14/2024									
2/15/2024						0.89		<0.2	
2/16/2024							<0.2		
7/30/2024	<0.2	0.057 (J)	0.044 (J)	<0.2	0.09 (J)			<0.2	0.089 (J)
7/31/2024						0.62			
8/1/2024									
8/2/2024									
2/10/2025	<0.2		<0.2						
2/11/2025		<0.2		<0.2	<0.2				<0.2
2/12/2025								<0.2	
2/13/2025						0.72			
8/12/2025	<0.2	<0.2	<0.2		<0.2				<0.2
8/13/2025				<0.2		0.74			
8/14/2025								0.23	
8/15/2025									
8/18/2025									
8/19/2025									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-17	WGWA-3 (bg)	WGWC-10	WGWC-13	WGWC-8	WGWC-12	WGWC-9	WGWC-11	WGWC-19
5/17/2016									
5/18/2016	0.121 (J)	0.029 (J)	0.206 (J)						
5/19/2016				0.384	0.304	0.12 (J)	1.58	0.039 (J)	
7/19/2016									
7/20/2016	0.16 (J)	<0.2	0.23	0.34	0.27	0.11 (J)	2	<0.2	
9/13/2016		<0.2							
9/14/2016	0.19 (J)		0.17 (J)	0.31		0.095 (J)	1.8	<0.2	
9/15/2016					0.24				
11/9/2016									
11/10/2016	0.15 (J)	<0.2		0.26					
11/11/2016			0.14 (J)			<0.2		<0.2	0.32
11/14/2016					0.2				
1/17/2017									
1/18/2017		<0.2							
1/19/2017									
1/20/2017	0.18 (J)								
1/24/2017									
1/27/2017				0.28		<0.2		<0.2	
2/6/2017			0.15 (J)		0.27				0.45
2/8/2017									
2/9/2017							1.3		
2/23/2017									
3/13/2017									
3/14/2017	0.11 (J)	<0.2							
3/15/2017			0.16 (J)	0.3	0.25	<0.2	1.3	<0.2	0.37
3/17/2017									
4/11/2017							1.4		0.37
4/24/2017									
4/25/2017	0.13 (J)	<0.2							
4/26/2017			0.17 (J)	0.33	0.31	<0.2	1.5	<0.2	0.4
5/17/2017									
6/7/2017									0.35
7/11/2017									0.39
8/8/2017		<0.2							
8/9/2017	0.19 (J)			0.32					
8/10/2017			0.2		0.37	0.11 (J)	1.6	<0.2	0.42
8/25/2017									
10/10/2017									
10/11/2017	0.14 (J)	<0.2							
10/12/2017			0.14 (J)	0.28	0.35	0.091 (J)	1.5	<0.2	0.36
3/27/2018									
3/28/2018		<0.2							
3/29/2018				0.27	0.36	0.089 (J)	1.4	<0.2	0.34
3/30/2018	0.095 (J)		0.13 (J)						
6/13/2018									
6/14/2018	0.11 (J)	<0.2	0.15 (J)	0.27	0.56	0.1 (J)	1.4	<0.2	0.35
9/24/2018									
9/27/2018									
9/28/2018									
10/2/2018									
10/3/2018		<0.2							
10/4/2018	0.11 (J)		0.18 (J)	0.23	0.27	0.12 (J)	1.4	<0.2	0.35

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-17	WGWA-3 (bg)	WGWC-10	WGWC-13	WGWC-8	WGWC-12	WGWC-9	WGWC-11	WGWC-19
2/25/2019									
2/26/2019	0.068 (J)	<0.2							
2/27/2019			0.21	0.25	0.054 (J)	0.06 (J)		0.047 (J)	
2/28/2019							1.4		0.28
4/1/2019									
4/2/2019		0.039 (J)							0.33
4/3/2019				0.24	0.5	0.084 (J)	1.3	0.048 (J)	
4/4/2019	0.087 (J)		0.13 (J)						
9/16/2019									
9/17/2019									
9/18/2019	0.066 (J)	0.033 (J)		0.22					0.32
9/19/2019			0.13 (J)		0.42	0.093 (J)	1.3	0.037 (J)	
2/3/2020									
2/4/2020		0.031 (J)							
2/5/2020			0.14	0.2		0.098 (J)	1.3	0.045 (J)	
2/7/2020	0.079 (J)				0.25				0.35
3/16/2020									
3/17/2020		0.04 (J)							
3/18/2020	<0.2		0.052 (J)			0.033 (J)		<0.2	
3/19/2020				0.15	0.057 (J)		1		
5/4/2020									0.36
9/21/2020		<0.2							
9/22/2020					0.14				
9/23/2020	0.05 (J)		0.09 (J)			0.064 (J)	0.82		0.25
9/24/2020				<0.2				0.18	
2/2/2021		0.035 (J)							
2/3/2021					0.15	0.082 (J)		0.027 (J)	0.3
2/4/2021	0.064 (J)		0.12	0.16			0.91		
3/8/2021									
3/9/2021									
3/10/2021		<0.2							
3/11/2021	0.05 (J)		0.15	0.18	0.16				0.31
3/12/2021						0.096 (J)	0.98	0.044 (J)	
4/7/2021									
4/8/2021									
8/23/2021									
8/24/2021									
8/25/2021	0.093 (J)	0.077 (J)		0.2		0.14		0.056 (J)	
8/26/2021			0.16		0.21		1		0.38
1/11/2022									
1/12/2022									
2/28/2022									
3/1/2022		<0.2							
3/3/2022			0.067 (J)	0.21	0.19		1	0.055 (J)	0.4
3/4/2022	0.06 (J)					0.068 (J)			
6/6/2022									
6/7/2022									
8/15/2022									
8/16/2022	0.06 (J)	<0.2			0.21			<0.2	
8/17/2022							0.9		0.28
8/18/2022				0.14		0.073 (J)			
8/19/2022			0.1						

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-17	WGWA-3 (bg)	WGWC-10	WGWC-13	WGWC-8	WGWC-12	WGWC-9	WGWC-11	WGWC-19
2/14/2023		0.041 (J)							
2/15/2023							0.85		
2/16/2023	0.069 (J)		0.11	0.15	0.14	0.089 (J)		0.041 (J)	0.33
8/11/2023									
8/14/2023									
8/15/2023		0.04 (J)			0.15 (J)				
8/16/2023	0.064 (J)			0.13		0.083 (J)	0.9	0.041 (J)	0.34
8/17/2023			0.1						
2/13/2024		<0.2			<0.2				
2/14/2024						0.044 (J)	0.73		
2/15/2024	<0.2		<0.2	0.21 (J)					0.4
2/16/2024								<0.2	
7/30/2024		<0.2							
7/31/2024	0.049 (J)		0.1	0.15		0.077 (J)		<0.2	0.28
8/1/2024					<0.2		0.9		
8/2/2024									
2/10/2025		<0.2							
2/11/2025	<0.2				<0.2	<0.2	0.4	<0.2	
2/12/2025				<0.2					
2/13/2025			<0.2						0.058 (J)
8/12/2025		<0.2							
8/13/2025	0.22								
8/14/2025				0.26	1				0.45
8/15/2025						0.22			
8/18/2025								0.17 (J)	
8/19/2025			0.3				0.9		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-25	WGWC-20	WGWC-22	WGWC-21	WGWC-24	WGWC-23
5/17/2016							
5/18/2016							
5/19/2016							
7/19/2016							
7/20/2016							
9/13/2016							
9/14/2016							
9/15/2016							
11/9/2016							
11/10/2016							
11/11/2016							
11/14/2016							
1/17/2017							
1/18/2017							
1/19/2017							
1/20/2017							
1/24/2017							
1/27/2017							
2/6/2017							
2/8/2017	<0.2						
2/9/2017							
2/23/2017	<0.2						
3/13/2017							
3/14/2017							
3/15/2017							
3/17/2017	<0.2						
4/11/2017	<0.2						
4/24/2017							
4/25/2017							
4/26/2017	<0.2						
5/17/2017	<0.2						
6/7/2017	<0.2						
7/11/2017	<0.2						
8/8/2017							
8/9/2017							
8/10/2017							
8/25/2017							
10/10/2017							
10/11/2017	<0.2						
10/12/2017							
3/27/2018							
3/28/2018							
3/29/2018	<0.2						
3/30/2018							
6/13/2018							
6/14/2018	<0.2						
9/24/2018							
9/27/2018							
9/28/2018							
10/2/2018							
10/3/2018							
10/4/2018	<0.2						

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-25	WGWC-20	WGWC-22	WGWC-21	WGWC-24	WGWC-23
2/25/2019							
2/26/2019							
2/27/2019	<0.2						
2/28/2019							
4/1/2019							
4/2/2019							
4/3/2019	0.048 (J)						
4/4/2019							
9/16/2019							
9/17/2019							
9/18/2019	0.035 (J)						
9/19/2019							
2/3/2020							
2/4/2020							
2/5/2020	0.04 (J)						
2/7/2020							
3/16/2020							
3/17/2020							
3/18/2020							
3/19/2020	<0.2						
5/4/2020							
9/21/2020							
9/22/2020							
9/23/2020							
9/24/2020	0.028 (J)						
2/2/2021							
2/3/2021							
2/4/2021	0.033 (J)						
3/8/2021		<0.2	1.8				
3/9/2021				1.1	1.7	1	0.092 (J)
3/10/2021							
3/11/2021	0.04 (J)						
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	0.071 (J)						
8/26/2021		0.047 (J)	2	0.51	2	1.2	0.081 (J)
1/11/2022		0.028 (J)		0.45	1.9	1	0.045 (J)
1/12/2022			1.8				
2/28/2022							
3/1/2022							
3/3/2022	0.057 (J)				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	<0.2			0.31			

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-25	WGWC-20	WGWC-22	WGWC-21	WGWC-24	WGWC-23
2/14/2023							
2/15/2023		<0.2		0.31		0.63	0.048 (J)
2/16/2023	<0.2		1.9		1.9		
8/11/2023			2.1				
8/14/2023							
8/15/2023		0.049 (J)					
8/16/2023	0.04 (J)						
8/17/2023				0.32	1.8	0.28	0.045 (J)
2/13/2024			<0.2				
2/14/2024				0.23		<0.2	
2/15/2024	<0.2	<0.2			2.2		<0.2
2/16/2024							
7/30/2024							
7/31/2024		<0.2	1.8			0.1 (J)	0.045 (J)
8/1/2024					<0.2		
8/2/2024	<0.2			<0.2			
2/10/2025							
2/11/2025							
2/12/2025	<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	0.2		2.4				
8/15/2025							
8/18/2025				0.34		0.28	
8/19/2025					2		0.18 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-7 (bg)	WGWA-5 (bg)	WGWC-15	WGWA-4 (bg)	WGWA-6 (bg)	WGWC-16
5/17/2016	5.24	6.23	7.81						
5/18/2016				5.5	5.47	7.75	7.23	7.92	6.06
5/19/2016									
7/19/2016	5.43	6.285413	7.250493	5.430599	5.336672	7.876073		7.154587	5.88
7/20/2016							7.281557		
9/1/2016									
9/13/2016	5.22	6.3	7.18	5.57			7.15	7.96	
9/14/2016					7.29	7.79			5.89
9/15/2016									
11/9/2016	5.57	6.26	6.03					7.27	
11/10/2016				6.93		7.76	6.33		5.6
11/11/2016									
11/14/2016									
1/17/2017	5.48	6.8							
1/18/2017				7.16			6.94	7.72	
1/19/2017			6.71		6.59				
1/20/2017									
1/24/2017						7.71			5.54
1/27/2017									
2/6/2017									
2/8/2017									
2/23/2017									
3/13/2017	5.4	6.18							
3/14/2017			6.45	5.82	5.86	7.57	6.75		
3/15/2017									5.39
3/17/2017									
4/11/2017									
4/24/2017	5.4	6.35							
4/25/2017			6.93	5.57	5.35	7.47	6.84	7.73	5.28
4/26/2017									
5/17/2017									
6/7/2017									
7/11/2017									
8/8/2017	5.32	6.23	6.72	5.6				7.74	
8/9/2017					5.25	7.37	6.67		5.46
8/10/2017									
8/25/2017					5.44				
10/10/2017	5.26	6.32							
10/11/2017			6.75	5.43	6.99	7.42	6.75	7.01	5.45
10/12/2017									
3/27/2018	5.39	6.14							
3/28/2018			6.84	5.29	5.95		6.79	7.28	
3/29/2018									5.33
3/30/2018						7.48			
6/13/2018	5.33		6.31		5.13			7.78	
6/14/2018		6.02		5.39		7.5	6.67		5.35
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	7.11	6.92		
10/4/2018									5.28

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-7 (bg)	WGWA-5 (bg)	WGWC-15	WGWA-4 (bg)	WGWA-6 (bg)	WGWC-16
2/25/2019	5.25	6.02							
2/26/2019			7.66	5.62	5.21		6.74	7.87	
2/27/2019						7.4			5.08
2/28/2019									
4/1/2019	5.31	6.09							
4/2/2019			7.53	5.6	5.25		6.81	7.94	
4/3/2019									
4/4/2019						7.58			5.19
9/16/2019	5.28				6.94			7.55	
9/17/2019		6.25	6.47				6.93		
9/18/2019				5.6		7.8			5.19
9/19/2019									
2/3/2020	5.402418	6.090122							
2/4/2020					5.307606		7.287213	7.740019	
2/5/2020			6.730563	5.535178					
2/7/2020						7.657187			5.168839
3/16/2020	5.29	6.01							
3/17/2020			6.36	5.32	5.34		6.83	7.95	
3/18/2020						7.73			5.08
3/19/2020									
5/4/2020									
9/21/2020		6.05					6.81		
9/22/2020	5.09		7.18	5.36	6.78			7.4	
9/23/2020						7.35			5.05
9/24/2020									
2/2/2021	5.36	6.1	6.48	5.84			6.61		
2/3/2021					5.3			7.76	
2/4/2021						7.77			5.42
3/8/2021									
3/9/2021									
3/10/2021		6.11	5.8	4.96	5.22		7.19		
3/11/2021	5.26							7.93	5.21
3/12/2021						7.72			
4/7/2021									
4/8/2021									
8/23/2021		6.18							
8/24/2021	5.21			5.53	6.8		7.22	7.88	
8/25/2021			6.74						5.25
8/26/2021						7.58			
1/11/2022									
1/12/2022									
2/28/2022							7.14		
3/1/2022	5.32	6.2			5.47			7.86	
3/3/2022			5.94	5.44		7.61			5.22
3/4/2022									
6/6/2022									
6/7/2022									
8/15/2022	5.28	6.04			6.54			7.76	
8/16/2022			6.19	5.32			6.92		
8/17/2022						7.54			5.24
8/18/2022									
8/19/2022									

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-7 (bg)	WGWA-5 (bg)	WGWC-15	WGWA-4 (bg)	WGWA-6 (bg)	WGWC-16
2/14/2023	5.37	6.06	5.89	5.44	5.3			7.78	
2/15/2023						7.72	7.21		5.19
2/16/2023									
8/11/2023									
8/14/2023	5.09	6.06							
8/15/2023			6.01	5.49	6.6		6.47	7.93	5.07
8/16/2023						7.41			
8/17/2023									
2/13/2024	5.46	5.97	5.84	6.19			7.1	7.75	
2/14/2024									
2/15/2024						7.88			5.31
2/16/2024					5.23				
7/30/2024	5.27	5.9	6.47	5.43			7.13	7.88	5.26
7/31/2024						7.67			
8/1/2024									
8/2/2024									
2/10/2025	5.4	6.44							
2/11/2025			5.74	6.08			7.58	8.01	
2/12/2025									5.42
2/13/2025						7.87			
8/12/2025	4.54	6.08	5.96				7	7.76	
8/13/2025				4.98		7.91			
8/14/2025									5.26
8/15/2025									
8/18/2025									
8/19/2025									

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWA-3 (bg)	WGWC-17	WGWC-11	WGWC-13	WGWC-12	WGWC-9	WGWC-8	WGWC-19
5/17/2016									
5/18/2016	8.96	5.55	6.41						
5/19/2016				5.93	6.85	6.91	6.31	5.99	
7/19/2016									
7/20/2016	8.56774	5.656628	6.662463	5.97	6.705264	6.962608	6.345061	6.194334	
9/1/2016						6.96			
9/13/2016		5.63							
9/14/2016			6.7		6.7		6.33		
9/15/2016								6.38	
11/9/2016									
11/10/2016		5.61	6.51		6.5				
11/11/2016	6.96			6.03		6.76			6.93
11/14/2016								5.7	
1/17/2017									
1/18/2017		5.81							
1/19/2017									
1/20/2017			6.55						
1/24/2017									
1/27/2017				6.21	6.47	6.66			
2/6/2017	6.93							5.66	6.8
2/8/2017									
2/23/2017									
3/13/2017									
3/14/2017		5.53	6.27						
3/15/2017	6.82			5.97	6.75	6.3	5.99	5.77	6.78
3/17/2017									
4/11/2017									6.79
4/24/2017									
4/25/2017		5.59	6.36						
4/26/2017	6.73			6.17	6.57	6.67	6.03	5.39	6.82
5/17/2017									
6/7/2017									6.76
7/11/2017									6.99
8/8/2017		5.52							
8/9/2017			6.47		6.55				
8/10/2017	6.66			6.05		6.7	5.86	5.59	6.59
8/25/2017									
10/10/2017									
10/11/2017		5.51	6.47						
10/12/2017	6.67			6.89	6.67	6.89	6.09	5.46	6.7
3/27/2018									
3/28/2018		5.6							
3/29/2018				6.85	6.99	7.08	5.89	5.43	6.88
3/30/2018	6.98		6.71						
6/13/2018									
6/14/2018	6.56	5.58	6.15	5.89	6.39	6.73	6.47	5.76	6.72
9/24/2018									
9/27/2018									
9/28/2018									
10/2/2018									
10/3/2018		5.45							
10/4/2018	6.4		6.14	5.81	6.5	6.79	6.17	5.39	6.67

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWA-3 (bg)	WGWC-17	WGWC-11	WGWC-13	WGWC-12	WGWC-9	WGWC-8	WGWC-19
2/25/2019									
2/26/2019		5.6	6.17						
2/27/2019	6.23			5.78	6.47	6.7		5.55	
2/28/2019							6.54		6.98
4/1/2019									
4/2/2019		5.69							6.75
4/3/2019				6.07	6.47	6.91	6.1	5.55	
4/4/2019	6.46		6.16						
9/16/2019									
9/17/2019									
9/18/2019		5.62	6.17		6.46				6.71
9/19/2019	6.45			5.82		6.63	6.38	5.39	
2/3/2020									
2/4/2020		5.655257							
2/5/2020	6.415246			5.891838	6.440089	6.763076	6.536418		
2/7/2020			6.341561					5.376234	7.078448
3/16/2020									
3/17/2020		5.61							
3/18/2020	6.4		6.3	5.89		6.93			
3/19/2020					6.56		6.64	6.43	
5/4/2020									6.9
9/21/2020		5.35							
9/22/2020								5.17	
9/23/2020	6.14		5.89			6.42	5.8		6.59
9/24/2020				5.5	6.29				
2/2/2021		5.78							
2/3/2021				5.21		6.15		5.08	6.75
2/4/2021	6.21		6.31		6.34		6.22		
3/8/2021									
3/9/2021									
3/10/2021		5.49							
3/11/2021	6.56		5.96		5.95			5.35	7.12
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	6.09	5.66	6.27	6.69			
8/26/2021	6.31						5.84	5.36	6.66
1/11/2022									
1/12/2022									
2/28/2022									
3/1/2022		5.59							
3/3/2022	6.36			5.59	6.31		5.86	5.21	6.69
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				5.4	
8/17/2022							5.8		6.6
8/18/2022					6.15	6.52			
8/19/2022	6.2								

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWA-3 (bg)	WGWC-17	WGWC-11	WGWC-13	WGWC-12	WGWC-9	WGWC-8	WGWC-19
2/14/2023		5.49							
2/15/2023							5.86		
2/16/2023	6.39		6.28	5.69	6.27	6.61		5.22	6.8
8/11/2023									
8/14/2023									
8/15/2023		5.17						5.43	
8/16/2023			6.13	5.19	6.22	6.1	5.78		6.44
8/17/2023	6.49								
2/13/2024		5.52						5.31	
2/14/2024						6.67	6.13		
2/15/2024	6.41		6.16		6.3				6.87
2/16/2024				5.6					
7/30/2024		5.52							
7/31/2024	6.21		6.04	5.6	6.22	6.74			6.54
8/1/2024							5.77	5.38	
8/2/2024									
2/10/2025		5.25							
2/11/2025			6.26	5.54		6.63	5.86	5.23	
2/12/2025					6.32				
2/13/2025	6.27								6.7
8/12/2025		5.28							
8/13/2025			5.76						
8/14/2025					5.93			5.26	6.67
8/15/2025						6.69			
8/18/2025				5.26					
8/19/2025	6.45						6.05		

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-22	WGWC-24	WGWC-23	WGWC-21
5/17/2016							
5/18/2016							
5/19/2016							
7/19/2016							
7/20/2016							
9/1/2016							
9/13/2016							
9/14/2016							
9/15/2016							
11/9/2016							
11/10/2016							
11/11/2016							
11/14/2016							
1/17/2017							
1/18/2017							
1/19/2017							
1/20/2017							
1/24/2017							
1/27/2017							
2/6/2017							
2/8/2017	5.81						
2/23/2017	5.8						
3/13/2017							
3/14/2017							
3/15/2017							
3/17/2017	5.97						
4/11/2017	6.18						
4/24/2017							
4/25/2017							
4/26/2017	6.09						
5/17/2017	6.26						
6/7/2017	6.21						
7/11/2017	6						
8/8/2017							
8/9/2017							
8/10/2017							
8/25/2017							
10/10/2017							
10/11/2017	6.97						
10/12/2017							
3/27/2018							
3/28/2018							
3/29/2018	6.51						
3/30/2018							
6/13/2018							
6/14/2018	5.76						
9/24/2018							
9/27/2018							
9/28/2018							
10/2/2018							
10/3/2018							
10/4/2018	5.97						

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-22	WGWC-24	WGWC-23	WGWC-21
2/25/2019							
2/26/2019							
2/27/2019	5.73						
2/28/2019							
4/1/2019							
4/2/2019							
4/3/2019	5.68						
4/4/2019							
9/16/2019							
9/17/2019							
9/18/2019	5.5						
9/19/2019							
2/3/2020							
2/4/2020							
2/5/2020	5.523207						
2/7/2020							
3/16/2020							
3/17/2020							
3/18/2020							
3/19/2020	5.49						
5/4/2020							
9/21/2020							
9/22/2020							
9/23/2020							
9/24/2020	5.16						
2/2/2021							
2/3/2021							
2/4/2021	5.76						
3/8/2021		5.54	5.36				
3/9/2021				5.56	4.29	5.81	7.29
3/10/2021							
3/11/2021	5.1						
3/12/2021							
4/7/2021					4.43	5.57	7.05
4/8/2021		5.6	5.39	6.01			
8/23/2021							
8/24/2021							
8/25/2021	5.39						
8/26/2021		5.37	5.3	5.4	4.33	5.8	6.88
1/11/2022			5.26	5.4	4.39	5.61	6.68
1/12/2022		5.19					
2/28/2022							
3/1/2022							
3/3/2022	5.4				4.39		6.88
3/4/2022		5.23	5.21	5.34		5.74	
6/6/2022					4.52	5.73	6.69
6/7/2022		5.39	5.32	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	5.25			5.34			

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-22	WGWC-24	WGWC-23	WGWC-21
2/14/2023							
2/15/2023			5.36	5.47	4.54	5.49	
2/16/2023	5.4	5.17					6.92
8/11/2023		5.31					
8/14/2023							
8/15/2023			5.97				
8/16/2023	5.17						
8/17/2023				5.41	4.35	5.66	6.86
2/13/2024		5.34					
2/14/2024				5.84	4.72		
2/15/2024	5.18		6.24			5.62	6.7
2/16/2024							
7/30/2024							
7/31/2024		5.47	5.97		4.41	5.44	
8/1/2024							6.73
8/2/2024	5.09			5.36			
2/10/2025							
2/11/2025							
2/12/2025	5.44	5.33	6.19	5.47			
2/13/2025					4.49	5.58	6.63
8/12/2025							
8/13/2025			5.58				
8/14/2025	5.03	5.33					
8/15/2025							
8/18/2025				5.39	4.57		
8/19/2025						5.34	6.73

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWC-10	WGWA-3 (bg)
5/17/2016	<1	1.14	19.9						
5/18/2016				5.32	0.955 (J)	8.88	0.368 (J)	2.84	0.821 (J)
5/19/2016									
7/19/2016	<1	1.4	14		0.76 (J)	9	<1		
7/20/2016				6.5				2.8	0.82 (J)
9/13/2016	<1	1.1	11	5.6		8.5	<1		0.81 (J)
9/14/2016					3.4			2.8	
9/15/2016									
11/9/2016	<1	1.1	6.3			8.2			
11/10/2016				5.4			<1		0.73 (J)
11/11/2016								2.6	
11/14/2016									
1/17/2017	<1	2.1							
1/18/2017				5.1		9.4	1.4		0.99 (J)
1/19/2017			7.4		21				
1/20/2017									
1/24/2017									
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	4.6	1.4	2	<1		0.83 (J)
3/15/2017								2.7	
3/17/2017									
4/11/2017									
4/24/2017	<1	0.75 (J)							
4/25/2017			10	6.6	0.89 (J)	8.2	<1		0.7 (J)
4/26/2017								2.5	
5/17/2017									
6/7/2017									
7/11/2017									
8/8/2017	<1	1.1	12			8.5	<1		0.82 (J)
8/9/2017				7.3	0.75 (J)				
8/10/2017								2.2	
8/25/2017					<1				
10/10/2017	<1	1.3							
10/11/2017			11	6.8	<1	8.3	<1		0.72 (J)
10/12/2017								1.9	
3/27/2018	<1	0.72 (J)							
3/28/2018			12	6.8	0.88 (J)	8.1	<1		<1
3/29/2018									
3/30/2018								1.9	
6/13/2018	<1		8.2		<1	8.3			
6/14/2018		0.84 (J)		6.9			<1	2	<1
9/24/2018		0.79 (J)							
9/27/2018	<1								
9/28/2018			7.6						
10/2/2018						8.3			
10/3/2018				7	<1		<1		0.73 (J)
10/4/2018								1.9	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWC-10	WGWA-3 (bg)
4/1/2019	<1	1							
4/2/2019			11	8.1	0.94 (J)	8.5	0.4 (J)		1.1
4/3/2019									
4/4/2019								2.2	
9/16/2019	0.49 (J)				2.2	8.9			
9/17/2019		1.3	8	8.1					
9/18/2019							<1		0.78 (J)
9/19/2019								2.1	
3/16/2020	0.42 (J)	1.3							
3/17/2020			8.5	12	4	12	0.86 (J)		1.2
3/18/2020								2.1	
3/19/2020									
5/4/2020									
9/21/2020		1.1		7.7					0.77 (J)
9/22/2020	<1		9		1.5	8	0.38 (J)		
9/23/2020								1.8	
9/24/2020									
3/8/2021									
3/9/2021									
3/10/2021		0.9 (J)	7.1	8.1	<1		<1		0.91 (J)
3/11/2021	<1					8.4		2.8	
3/12/2021									
4/7/2021									
4/8/2021									
8/23/2021		1.3							
8/24/2021	<1			7.9	2.8	8.9	<1		
8/25/2021			8.2						0.79 (J)
8/26/2021								1.8	
1/11/2022									
1/12/2022									
2/28/2022				8.4					
3/1/2022	<1	1.6			0.99 (J)	9.2			0.98 (J)
3/3/2022			8.5				<1	2	
3/4/2022									
6/6/2022									
6/7/2022									
8/15/2022	<1	0.54 (J)			1.6	7.5			
8/16/2022			7.2	6.9			<1		0.52 (J)
8/17/2022									
8/18/2022									
8/19/2022								1.6	
2/14/2023	<1	0.66 (J)	7.3		0.66 (J)	7.9	<1		0.65 (J)
2/15/2023				7.8					
2/16/2023								1.8	
8/11/2023									
8/14/2023	<1	0.74 (J)							
8/15/2023			6.8	7.4	1.2	7.3	0.45 (J)		0.71 (J)
8/16/2023									
8/17/2023								1.7	
2/13/2024	<1	0.64 (J)	5.1	6.2		6.7	0.56 (J)		0.68 (J)
2/14/2024									
2/15/2024								3.2	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWC-10	WGWA-3 (bg)
2/16/2024					1.5				
7/30/2024	<1	0.81 (J)	8.6	7.7		7.7	<1		0.73 (J)
7/31/2024								1.9	
8/1/2024									
8/2/2024									
2/10/2025	<1	1.1							1.1
2/11/2025			8.4	8.1		7.9	0.7 (J)		
2/12/2025									
2/13/2025								1.9	
8/12/2025	<1	1.4	6	8.7		6.3			<1
8/13/2025							<1		
8/14/2025									
8/15/2025									
8/18/2025									
8/19/2025								2.1	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-17	WGWC-16	WGWC-15	WGWC-13	WGWC-8	WGWC-9	WGWC-11	WGWC-12	WGWC-19
5/17/2016									
5/18/2016	32.1	388	50.7						
5/19/2016				19.2	146	35.9	1.83	15.8	
7/19/2016		460	62						
7/20/2016	9.7			11	150	37	1.6	16	
9/13/2016									
9/14/2016	6.6	500	79	8.6		39	1.5	16	
9/15/2016					140				
11/9/2016									
11/10/2016	5.2	530	61	5.7					
11/11/2016							1.4	14	3.4
11/14/2016					160				
1/17/2017									
1/18/2017									
1/19/2017									
1/20/2017	5.3								
1/24/2017		600	34						
1/27/2017				6.8			2.5	15	
2/6/2017					180				3.7
2/8/2017									
2/9/2017						60			
2/23/2017									
3/13/2017									
3/14/2017	9.6		43						
3/15/2017		610		11	170	44	2.5	17	3.6
3/17/2017									
4/11/2017						36			3.2
4/24/2017									
4/25/2017	20	620	39						
4/26/2017				8.1	180	37	2.2	15	3.3
5/17/2017									
6/7/2017									3.8
7/11/2017									3.3
8/8/2017									
8/9/2017	6.5	780	35	8.1					
8/10/2017					180	38	2.3	16	3.7
8/25/2017									
10/10/2017									
10/11/2017	13	720	48						
10/12/2017				6.1	180	37	1.9	14	3.6
3/27/2018									
3/28/2018									
3/29/2018		700		6.5	180	37	2.2	16	3.4
3/30/2018	16		42						
6/13/2018									
6/14/2018	16	620	44	5	170	37	1.7	14	3.5
9/24/2018									
9/27/2018									
9/28/2018									
10/2/2018									
10/3/2018			49						
10/4/2018	15	560		4.3	780	38	1.6	14	4.6

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-17	WGWC-16	WGWC-15	WGWC-13	WGWC-8	WGWC-9	WGWC-11	WGWC-12	WGWC-19
4/1/2019									
4/2/2019									3.8
4/3/2019				3.8	180	41	1.9	13	
4/4/2019	9.1	250	41						
9/16/2019									
9/17/2019									
9/18/2019	7.3	130	37	3.9					3.6
9/19/2019					190	42	1.3	14	
3/16/2020									
3/17/2020									
3/18/2020	4.2	120	17				1.6	12	
3/19/2020				4	200	45			
5/4/2020									4.5
9/21/2020									
9/22/2020					200				
9/23/2020	4.4	85	21			54		12	3
9/24/2020				0.63 (J)			2.7		
3/8/2021									
3/9/2021									
3/10/2021									
3/11/2021	3.9	64		2.9	220				4
3/12/2021			19			62	2	14	
4/7/2021									
4/8/2021									
8/23/2021									
8/24/2021									
8/25/2021	3.3	63		1.8			1.1	13	
8/26/2021			16		220	52			3.5
1/11/2022									
1/12/2022									
2/28/2022									
3/1/2022									
3/3/2022		57	18	3	250	58	2.3		4.8
3/4/2022	3.6							14	
6/6/2022									
6/7/2022									
8/15/2022									
8/16/2022	3.4				220		0.98 (J)		
8/17/2022		49	14			50			2.8
8/18/2022				1.7				11	
8/19/2022									
2/14/2023									
2/15/2023		54	14			65			
2/16/2023	2.6			2.3	250		1	2.8	3
8/11/2023									
8/14/2023									
8/15/2023		52			240				
8/16/2023	2.6		13	2.1		50	1	12	2.6
8/17/2023									
2/13/2024					190				
2/14/2024						37		8.8	
2/15/2024	5.4	50	16	4.3					5.7

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-17	WGWC-16	WGWC-15	WGWC-13	WGWC-8	WGWC-9	WGWC-11	WGWC-12	WGWC-19
2/16/2024							2.1		
7/30/2024		41							
7/31/2024	3		14	2.2			1	12	3.2
8/1/2024					250	50			
8/2/2024									
2/10/2025									
2/11/2025	3.4				280	26	0.41 (J)	13	
2/12/2025		40		2.6					
2/13/2025			13						3.3
8/12/2025									
8/13/2025	3.8		14						
8/14/2025		38		2.9	260				3.3
8/15/2025								13	
8/18/2025							1.5		
8/19/2025						47			

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-23	WGWC-22	WGWC-21	WGWC-24
5/17/2016							
5/18/2016							
5/19/2016							
7/19/2016							
7/20/2016							
9/13/2016							
9/14/2016							
9/15/2016							
11/9/2016							
11/10/2016							
11/11/2016							
11/14/2016							
1/17/2017							
1/18/2017							
1/19/2017							
1/20/2017							
1/24/2017							
1/27/2017							
2/6/2017							
2/8/2017	4.3						
2/9/2017							
2/23/2017	16						
3/13/2017							
3/14/2017							
3/15/2017							
3/17/2017	22						
4/11/2017	13						
4/24/2017							
4/25/2017							
4/26/2017	20						
5/17/2017	12						
6/7/2017	8.1						
7/11/2017	17						
8/8/2017							
8/9/2017							
8/10/2017							
8/25/2017							
10/10/2017							
10/11/2017	3.4						
10/12/2017							
3/27/2018							
3/28/2018							
3/29/2018	4.6						
3/30/2018							
6/13/2018							
6/14/2018	5.8						
9/24/2018							
9/27/2018							
9/28/2018							
10/2/2018							
10/3/2018							
10/4/2018	2.8						

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-23	WGWC-22	WGWC-21	WGWC-24
4/1/2019							
4/2/2019							
4/3/2019	3.8						
4/4/2019							
9/16/2019							
9/17/2019							
9/18/2019	1.7						
9/19/2019							
3/16/2020							
3/17/2020							
3/18/2020							
3/19/2020	1.5						
5/4/2020							
9/21/2020							
9/22/2020							
9/23/2020							
9/24/2020	1.2						
3/8/2021		240	4.7				
3/9/2021				14	80	230	140
3/10/2021							
3/11/2021	1.7						
3/12/2021							
4/7/2021				5.1		190	160
4/8/2021		240	5.8		60		
8/23/2021							
8/24/2021							
8/25/2021	<1						
8/26/2021		290	13	7.5	100	190	170
1/11/2022			21	5.3	140	260	160
1/12/2022		360					
2/28/2022							
3/1/2022							
3/3/2022	1.3					250	130
3/4/2022		390	21	5	150		
6/6/2022				5.3		140	67
6/7/2022		280	22		96		
8/15/2022							
8/16/2022						240	
8/17/2022			25	5.5			
8/18/2022		280					49
8/19/2022	<1				87		
2/14/2023							
2/15/2023			27	5.2	110		120
2/16/2023	0.47 (J)	350				340	
8/11/2023		330					
8/14/2023							
8/15/2023			19				
8/16/2023	0.52 (J)						
8/17/2023				4.9	71	310	50
2/13/2024		280					
2/14/2024					64		55
2/15/2024	1.2		21	8.7		420	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-23	WGWC-22	WGWC-21	WGWC-24
2/16/2024							
7/30/2024							
7/31/2024		380	22	5.6			43
8/1/2024						320	
8/2/2024	0.6 (J)				55		
2/10/2025							
2/11/2025							
2/12/2025	0.45 (J)	470	17		66		
2/13/2025				7.3		350	79
8/12/2025							
8/13/2025			4.2				
8/14/2025	0.8 (J)	380					
8/15/2025							
8/18/2025					54		35
8/19/2025				6.5		320	

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWC-10	WGWA-3 (bg)
5/17/2016	<10	100	112						
5/18/2016				101	33	113	31	70	29
5/19/2016									
7/19/2016	14	84	80		<10	92	<10		
7/20/2016				86				42	<10
9/13/2016	50	70	120	28		100	<10		12
9/14/2016					150			40	
9/15/2016									
11/9/2016	22	110	76			130			
11/10/2016				110			44		30
11/11/2016								72	
11/14/2016									
1/17/2017	8	120							
1/18/2017				98		120	50		22
1/19/2017			36		34				
1/20/2017									
1/24/2017									
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	110	32	110	26		22
3/15/2017								78	
3/17/2017									
4/11/2017									
4/24/2017	10	94							
4/25/2017			70	86	22	100	10		22
4/26/2017								48	
5/17/2017									
6/7/2017									
7/11/2017									
8/8/2017	<10	62	72			90	<10		4 (J)
8/9/2017				92	20				
8/10/2017								38	
8/25/2017					<10				
10/10/2017	44	140							
10/11/2017			90	110	4 (J)	98	42		10
10/12/2017								72	
3/27/2018	18	92							
3/28/2018			120	110	12	130	6		34
3/29/2018									
3/30/2018								64	
6/13/2018	24		38		<10	110			
6/14/2018		80		92			14	40	26
9/24/2018		76							
9/27/2018	28								
9/28/2018			68						
10/2/2018						130			
10/3/2018				100	24		6		50
10/4/2018								60	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWC-10	WGWA-3 (bg)
4/1/2019	<10	63							
4/2/2019			100	100	25	110	15		28
4/3/2019									
4/4/2019								30	
9/16/2019	27				41	110			
9/17/2019		120	76	120					
9/18/2019							35		36
9/19/2019								52	
3/16/2020	23	90							
3/17/2020			81	100	18	120	19		20
3/18/2020								58	
3/19/2020									
5/4/2020									
9/21/2020		100		92					22
9/22/2020	24		96		190	130	15		
9/23/2020								50	
9/24/2020									
3/8/2021									
3/9/2021									
3/10/2021		100	72	100	19		20		20
3/11/2021	24					110		52	
3/12/2021									
4/7/2021									
4/8/2021									
8/23/2021		110							
8/24/2021	32			110	150	120	24		
8/25/2021			92						21
8/26/2021								60	
1/11/2022									
1/12/2022									
2/28/2022				95					
3/1/2022	30	92			23	140			31
3/3/2022			43				17	45	
3/4/2022									
6/6/2022									
6/7/2022									
8/15/2022	45	100			140	120			
8/16/2022			60	110			22		30
8/17/2022									
8/18/2022									
8/19/2022								63	
2/14/2023	34	100	42		24	120	24		27
2/15/2023				100					
2/16/2023								54	
8/11/2023									
8/14/2023	37	110							
8/15/2023			56	110	82	130	29		34
8/16/2023									
8/17/2023								56	
2/13/2024	36	140	43	110		120	51		34
2/14/2024									
2/15/2024								53	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWC-10	WGWA-3 (bg)
2/16/2024					34				
7/30/2024	34	100	63	100		110	23		31
7/31/2024								56	
8/1/2024									
8/2/2024									
2/10/2025	37	120							34
2/11/2025			46	110		120	84		
2/12/2025									
2/13/2025								58	
8/12/2025	41	120	62	110		130			38
8/13/2025							25		
8/14/2025									
8/15/2025									
8/18/2025									
8/19/2025								42	

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-17	WGWC-16	WGWC-15	WGWC-13	WGWC-8	WGWC-9	WGWC-11	WGWC-12	WGWC-19
5/17/2016									
5/18/2016	107	1080	190						
5/19/2016				127	311	134	39	101	
7/19/2016		1200	180						
7/20/2016	78			88	290	120	<10	76	
9/13/2016									
9/14/2016	82	1300	230	92		140	24	96	
9/15/2016					270				
11/9/2016									
11/10/2016	98	1400	210	100					
11/11/2016							42	100	98
11/14/2016					320				
1/17/2017									
1/18/2017									
1/19/2017									
1/20/2017	82								
1/24/2017		1300	140						
1/27/2017				80			18	50	
2/6/2017					330				36
2/8/2017									
2/9/2017						180			
2/23/2017									
3/13/2017									
3/14/2017	120		220						
3/15/2017		1500		100	370	160	54	120	120
3/17/2017									
4/11/2017						120			68
4/24/2017									
4/25/2017	120	1700	180						
4/26/2017				92	380	140	42	100	76
5/17/2017									
6/7/2017									74
7/11/2017									70
8/8/2017									
8/9/2017	92	1900	180	120					
8/10/2017					380	130	30	96	66
8/25/2017									
10/10/2017									
10/11/2017	74	1900	200						
10/12/2017				110	450	120	54	100	100
3/27/2018									
3/28/2018									
3/29/2018		2200		120	500	130	62	120	110
3/30/2018	100		210						
6/13/2018									
6/14/2018	100	1500	170	88	410	120	16	94	74
9/24/2018									
9/27/2018									
9/28/2018									
10/2/2018									
10/3/2018			260						
10/4/2018	98	1700		100	520	140	56	110	100

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-17	WGWC-16	WGWC-15	WGWC-13	WGWC-8	WGWC-9	WGWC-11	WGWC-12	WGWC-19
4/1/2019									
4/2/2019									88
4/3/2019				72	430	120	<10	66	
4/4/2019	89	710	170						
9/16/2019									
9/17/2019									
9/18/2019	79	520	160	110					96
9/19/2019					440	130	27	89	
3/16/2020									
3/17/2020									
3/18/2020	98	370	160				26	73	
3/19/2020				95	540	160			
5/4/2020									110
9/21/2020									
9/22/2020					600				
9/23/2020	60	250	150			150		90	94
9/24/2020				21			60		
3/8/2021									
3/9/2021									
3/10/2021									
3/11/2021	75	190		63	530				100
3/12/2021			130			130	27	78	
4/7/2021									
4/8/2021									
8/23/2021									
8/24/2021									
8/25/2021	84	220		53			32	110	
8/26/2021			150		550	170			94
1/11/2022									
1/12/2022									
2/28/2022									
3/1/2022									
3/3/2022		170	140	71	530	140	21		98
3/4/2022	55							89	
6/6/2022									
6/7/2022									
8/15/2022									
8/16/2022	81				580		33		
8/17/2022		170	140			150			93
8/18/2022				89				88	
8/19/2022									
2/14/2023									
2/15/2023		160	130			160			
2/16/2023	77			81	590		33	89	100
8/11/2023									
8/14/2023									
8/15/2023		160			680				
8/16/2023	81		150	84		110	33	92	100
8/17/2023									
2/13/2024					620				
2/14/2024						150		85	
2/15/2024	79	150	130	84					100

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-17	WGWC-16	WGWC-15	WGWC-13	WGWC-8	WGWC-9	WGWC-11	WGWC-12	WGWC-19
2/16/2024							31		
7/30/2024		120							
7/31/2024	83		140	85			35	92	97
8/1/2024					570	150			
8/2/2024									
2/10/2025									
2/11/2025	81				630	140	35	96	
2/12/2025		120		84					
2/13/2025			140						100
8/12/2025									
8/13/2025	86		150						
8/14/2025		120		90	740				88
8/15/2025								100	
8/18/2025							31		
8/19/2025						150			

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-23	WGWC-22	WGWC-21	WGWC-24
5/17/2016							
5/18/2016							
5/19/2016							
7/19/2016							
7/20/2016							
9/13/2016							
9/14/2016							
9/15/2016							
11/9/2016							
11/10/2016							
11/11/2016							
11/14/2016							
1/17/2017							
1/18/2017							
1/19/2017							
1/20/2017							
1/24/2017							
1/27/2017							
2/6/2017							
2/8/2017	54						
2/9/2017							
2/23/2017	78						
3/13/2017							
3/14/2017							
3/15/2017							
3/17/2017	56						
4/11/2017	76						
4/24/2017							
4/25/2017							
4/26/2017	76						
5/17/2017	68						
6/7/2017	72						
7/11/2017	68						
8/8/2017							
8/9/2017							
8/10/2017							
8/25/2017							
10/10/2017							
10/11/2017	68						
10/12/2017							
3/27/2018							
3/28/2018							
3/29/2018	48						
3/30/2018							
6/13/2018							
6/14/2018	52						
9/24/2018							
9/27/2018							
9/28/2018							
10/2/2018							
10/3/2018							
10/4/2018	130						

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-23	WGWC-22	WGWC-21	WGWC-24
4/1/2019							
4/2/2019							
4/3/2019	31						
4/4/2019							
9/16/2019							
9/17/2019							
9/18/2019	33						
9/19/2019							
3/16/2020							
3/17/2020							
3/18/2020							
3/19/2020	18						
5/4/2020							
9/21/2020							
9/22/2020							
9/23/2020							
9/24/2020	24						
3/8/2021		590	220				
3/9/2021				79	200	610	370
3/10/2021							
3/11/2021	24						
3/12/2021							
4/7/2021				66		520	510
4/8/2021		540	180		170		
8/23/2021							
8/24/2021							
8/25/2021	30						
8/26/2021		720	200	88	240	480	420
1/11/2022			220	67	270	580	320
1/12/2022		1200					
2/28/2022							
3/1/2022							
3/3/2022	17					580	280
3/4/2022		1100	200	69	260		
6/6/2022				90		670	210
6/7/2022		920	240		210		
8/15/2022							
8/16/2022						530	
8/17/2022			210	85			
8/18/2022		760					140
8/19/2022	26				190		
2/14/2023							
2/15/2023			200	71	210		230
2/16/2023	27	960				630	
8/11/2023		910					
8/14/2023							
8/15/2023			180				
8/16/2023	29						
8/17/2023				73	180	690	150
2/13/2024		1200					
2/14/2024					210		180
2/15/2024	31		130	76		740	

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 10/22/2025 3:06 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-20	WGWC-25	WGWC-23	WGWC-22	WGWC-21	WGWC-24
2/16/2024							
7/30/2024							
7/31/2024		1200	210	81			120
8/1/2024						630	
8/2/2024	31				170		
2/10/2025							
2/11/2025							
2/12/2025	28	1300	170		150		
2/13/2025				140		610	160
8/12/2025							
8/13/2025			280				
8/14/2025	27	930					
8/15/2025							
8/18/2025					160		110
8/19/2025				76		700	

FIGURE E.

Appendix III Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:10 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Boron (mg/L)	WGWC-8	0.1948	225	111	Yes	25	0	n/a	0.01	NP
Boron (mg/L)	WGWC-9	0.03447	141	111	Yes	25	0	n/a	0.01	NP
Boron (mg/L)	WGWC-16	-0.6773	-220	-111	Yes	25	0	n/a	0.01	NP
Boron (mg/L)	WGWC-20	0.9328	44	43	Yes	13	0	n/a	0.01	NP
Boron (mg/L)	WGWC-24	-0.333	-50	-43	Yes	13	0	n/a	0.01	NP
Calcium (mg/L)	WGWA-1 (bg)	0.03883	170	118	Yes	26	0	n/a	0.01	NP
Calcium (mg/L)	WGWA-18 (bg)	-1.232	-160	-118	Yes	26	0	n/a	0.01	NP
Calcium (mg/L)	WGWC-8	7.849	281	118	Yes	26	0	n/a	0.01	NP
Chloride (mg/L)	WGWA-2 (bg)	0.04755	138	118	Yes	26	0	n/a	0.01	NP
Chloride (mg/L)	WGWA-5 (bg)	-0.09982	-140	-98	Yes	23	0	n/a	0.01	NP
Chloride (mg/L)	WGWC-8	13.15	246	118	Yes	26	0	n/a	0.01	NP
Chloride (mg/L)	WGWC-16	-33.06	-226	-118	Yes	26	0	n/a	0.01	NP
Chloride (mg/L)	WGWC-24	-21.36	-70	-43	Yes	13	0	n/a	0.01	NP
Fluoride (mg/L)	WGWA-4 (bg)	-0.004899	-146	-139	Yes	29	6.897	n/a	0.01	NP
Fluoride (mg/L)	WGWA-18 (bg)	-0.008324	-159	-139	Yes	29	20.69	n/a	0.01	NP
Fluoride (mg/L)	WGWC-9	-0.1086	-290	-139	Yes	29	0	n/a	0.01	NP
Fluoride (mg/L)	WGWC-10	-0.00869	-167	-139	Yes	29	6.897	n/a	0.01	NP
Fluoride (mg/L)	WGWC-15	-0.02001	-170	-139	Yes	29	0	n/a	0.01	NP
Fluoride (mg/L)	WGWC-22	-0.1053	-58	-43	Yes	13	15.38	n/a	0.01	NP
Sulfate (mg/L)	WGWA-4 (bg)	0.2841	166	118	Yes	26	0	n/a	0.01	NP
Sulfate (mg/L)	WGWA-18 (bg)	-0.518	-142	-118	Yes	26	0	n/a	0.01	NP
Sulfate (mg/L)	WGWC-8	11.98	233	118	Yes	26	0	n/a	0.01	NP
Sulfate (mg/L)	WGWC-16	-61.69	-214	-118	Yes	26	0	n/a	0.01	NP
Sulfate (mg/L)	WGWC-24	-27.99	-49	-43	Yes	13	0	n/a	0.01	NP
TDS (mg/L)	WGWA-1 (bg)	2.976	166	118	Yes	26	15.38	n/a	0.01	NP
TDS (mg/L)	WGWA-3 (bg)	1.782	122	118	Yes	26	3.846	n/a	0.01	NP
TDS (mg/L)	WGWC-8	41.33	271	118	Yes	26	0	n/a	0.01	NP

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:10 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Boron (mg/L)	WGWA-1 (bg)	0	-14	-111	No	25	96	n/a	0.01	NP
Boron (mg/L)	WGWA-2 (bg)	0	-36	-111	No	25	84	n/a	0.01	NP
Boron (mg/L)	WGWA-3 (bg)	0	0	111	No	25	100	n/a	0.01	NP
Boron (mg/L)	WGWA-4 (bg)	0	0	111	No	25	100	n/a	0.01	NP
Boron (mg/L)	WGWA-5 (bg)	0	-17	-92	No	22	95.45	n/a	0.01	NP
Boron (mg/L)	WGWA-6 (bg)	0	0	111	No	25	100	n/a	0.01	NP
Boron (mg/L)	WGWA-7 (bg)	0	-14	-111	No	25	96	n/a	0.01	NP
Boron (mg/L)	WGWA-18 (bg)	0	18	111	No	25	92	n/a	0.01	NP
Boron (mg/L)	**WGWC-8**	**0.1948**	**225**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**WGWC-9**	**0.03447**	**141**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**WGWC-16**	**-0.6773**	**-220**	**-111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**WGWC-20**	**0.9328**	**44**	**43**	**Yes**	**13**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	WGWC-22	-0.01088	-23	-43	No	13	0	n/a	0.01	NP
Boron (mg/L)	**WGWC-24**	**-0.333**	**-50**	**-43**	**Yes**	**13**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	WGWC-25	0.007943	2	43	No	13	0	n/a	0.01	NP
Calcium (mg/L)	**WGWA-1 (bg)**	**0.03883**	**170**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	WGWA-2 (bg)	-0.02963	-44	-118	No	26	0	n/a	0.01	NP
Calcium (mg/L)	WGWA-3 (bg)	0	8	118	No	26	0	n/a	0.01	NP
Calcium (mg/L)	WGWA-4 (bg)	0	34	118	No	26	0	n/a	0.01	NP
Calcium (mg/L)	WGWA-5 (bg)	-0.03453	-24	-98	No	23	0	n/a	0.01	NP
Calcium (mg/L)	WGWA-6 (bg)	0.1395	63	118	No	26	0	n/a	0.01	NP
Calcium (mg/L)	WGWA-7 (bg)	0.02232	34	118	No	26	0	n/a	0.01	NP
Calcium (mg/L)	**WGWA-18 (bg)**	**-1.232**	**-160**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**WGWC-8**	**7.849**	**281**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	WGWC-20	20.39	37	43	No	13	0	n/a	0.01	NP
Calcium (mg/L)	WGWC-21	1.914	20	43	No	13	0	n/a	0.01	NP
Chloride (mg/L)	WGWA-1 (bg)	0.03559	72	118	No	26	0	n/a	0.01	NP
Chloride (mg/L)	**WGWA-2 (bg)**	**0.04755**	**138**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWA-3 (bg)	0	-25	-118	No	26	0	n/a	0.01	NP
Chloride (mg/L)	WGWA-4 (bg)	0	-11	-118	No	26	3.846	n/a	0.01	NP
Chloride (mg/L)	**WGWA-5 (bg)**	**-0.09982**	**-140**	**-98**	**Yes**	**23**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWA-6 (bg)	0	25	118	No	26	0	n/a	0.01	NP
Chloride (mg/L)	WGWA-7 (bg)	0	3	118	No	26	0	n/a	0.01	NP
Chloride (mg/L)	WGWA-18 (bg)	-0.03152	-77	-118	No	26	0	n/a	0.01	NP
Chloride (mg/L)	**WGWC-8**	**13.15**	**246**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**WGWC-16**	**-33.06**	**-226**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWC-20	48.07	30	43	No	13	0	n/a	0.01	NP
Chloride (mg/L)	WGWC-21	0.4388	10	43	No	13	0	n/a	0.01	NP
Chloride (mg/L)	**WGWC-24**	**-21.36**	**-70**	**-43**	**Yes**	**13**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWC-25	-11.8	-32	-43	No	13	0	n/a	0.01	NP
Fluoride (mg/L)	WGWA-1 (bg)	0	11	139	No	29	79.31	n/a	0.01	NP
Fluoride (mg/L)	WGWA-2 (bg)	-0.0007489	-76	-139	No	29	41.38	n/a	0.01	NP
Fluoride (mg/L)	WGWA-3 (bg)	0	-15	-139	No	29	68.97	n/a	0.01	NP
Fluoride (mg/L)	**WGWA-4 (bg)**	**-0.004899**	**-146**	**-139**	**Yes**	**29**	**6.897**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	WGWA-5 (bg)	0	32	118	No	26	88.46	n/a	0.01	NP
Fluoride (mg/L)	WGWA-6 (bg)	-0.001644	-75	-139	No	29	13.79	n/a	0.01	NP
Fluoride (mg/L)	WGWA-7 (bg)	0	5	139	No	29	79.31	n/a	0.01	NP
Fluoride (mg/L)	**WGWA-18 (bg)**	**-0.008324**	**-159**	**-139**	**Yes**	**29**	**20.69**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	WGWC-8	-0.01891	-116	-139	No	29	10.34	n/a	0.01	NP
Fluoride (mg/L)	**WGWC-9**	**-0.1086**	**-290**	**-139**	**Yes**	**29**	**0**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**WGWC-10**	**-0.00869**	**-167**	**-139**	**Yes**	**29**	**6.897**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**WGWC-15**	**-0.02001**	**-170**	**-139**	**Yes**	**29**	**0**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	WGWC-19	-0.009823	-96	-139	No	29	0	n/a	0.01	NP
Fluoride (mg/L)	WGWC-20	0	3	43	No	13	15.38	n/a	0.01	NP
Fluoride (mg/L)	WGWC-21	0	2	43	No	13	15.38	n/a	0.01	NP

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

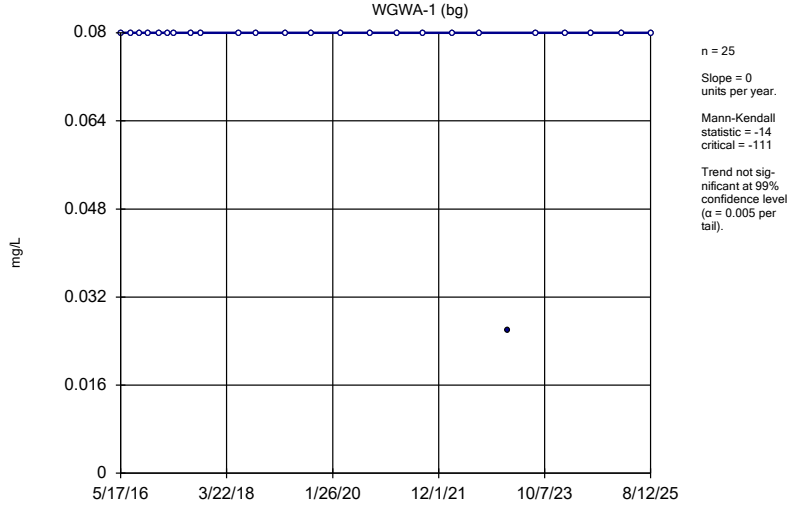
Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:10 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Fluoride (mg/L)	**WGWC-22**	**-0.1053**	**-58**	**-43**	**Yes**	**13**	**15.38**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	WGWA-1 (bg)	0	-5	-118	No	26	92.31	n/a	0.01	NP
Sulfate (mg/L)	WGWA-2 (bg)	-0.02958	-54	-118	No	26	0	n/a	0.01	NP
Sulfate (mg/L)	WGWA-3 (bg)	-0.01015	-49	-118	No	26	11.54	n/a	0.01	NP
Sulfate (mg/L)	**WGWA-4 (bg)**	**0.2841**	**166**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	WGWA-5 (bg)	0.028	28	98	No	23	21.74	n/a	0.01	NP
Sulfate (mg/L)	WGWA-6 (bg)	-0.1274	-104	-118	No	26	0	n/a	0.01	NP
Sulfate (mg/L)	WGWA-7 (bg)	0	-42	-118	No	26	69.23	n/a	0.01	NP
Sulfate (mg/L)	**WGWA-18 (bg)**	**-0.518**	**-142**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**WGWC-8**	**11.98**	**233**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	WGWC-9	1.553	102	118	No	26	0	n/a	0.01	NP
Sulfate (mg/L)	**WGWC-16**	**-61.69**	**-214**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	WGWC-20	31.78	35	43	No	13	0	n/a	0.01	NP
Sulfate (mg/L)	WGWC-21	34.71	42	43	No	13	0	n/a	0.01	NP
Sulfate (mg/L)	WGWC-22	-11.36	-32	-43	No	13	0	n/a	0.01	NP
Sulfate (mg/L)	**WGWC-24**	**-27.99**	**-49**	**-43**	**Yes**	**13**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**WGWA-1 (bg)**	**2.976**	**166**	**118**	**Yes**	**26**	**15.38**	**n/a**	**0.01**	**NP**
TDS (mg/L)	WGWA-2 (bg)	3.445	101	118	No	26	0	n/a	0.01	NP
TDS (mg/L)	**WGWA-3 (bg)**	**1.782**	**122**	**118**	**Yes**	**26**	**3.846**	**n/a**	**0.01**	**NP**
TDS (mg/L)	WGWA-4 (bg)	1.172	87	118	No	26	0	n/a	0.01	NP
TDS (mg/L)	WGWA-5 (bg)	2.455	47	98	No	23	13.04	n/a	0.01	NP
TDS (mg/L)	WGWA-6 (bg)	2.053	97	118	No	26	0	n/a	0.01	NP
TDS (mg/L)	WGWA-7 (bg)	2.319	93	118	No	26	11.54	n/a	0.01	NP
TDS (mg/L)	WGWA-18 (bg)	-3.699	-100	-118	No	26	0	n/a	0.01	NP
TDS (mg/L)	**WGWC-8**	**41.33**	**271**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	WGWC-20	136.6	37	43	No	13	0	n/a	0.01	NP
TDS (mg/L)	WGWC-21	33.95	37	43	No	13	0	n/a	0.01	NP
TDS (mg/L)	WGWC-25	-2.769	-8	-43	No	13	0	n/a	0.01	NP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = -14
critical = -111

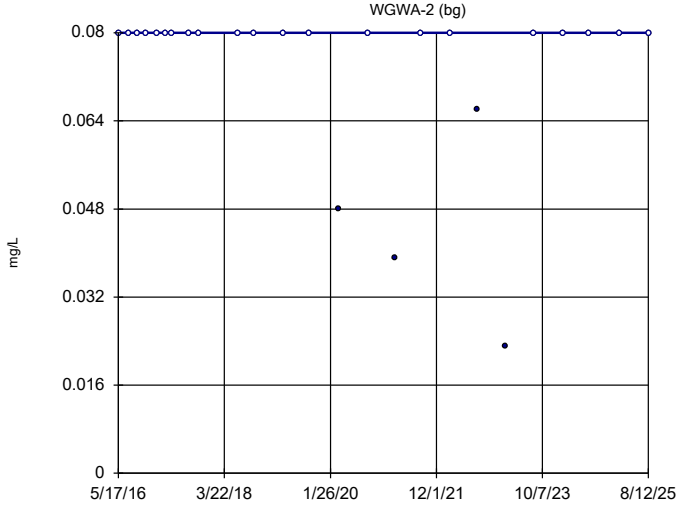
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 10/22/2025 3:08 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 = 25

Slope = 0 units per year.

Mann-Kendall statistic = -36
critical = -111

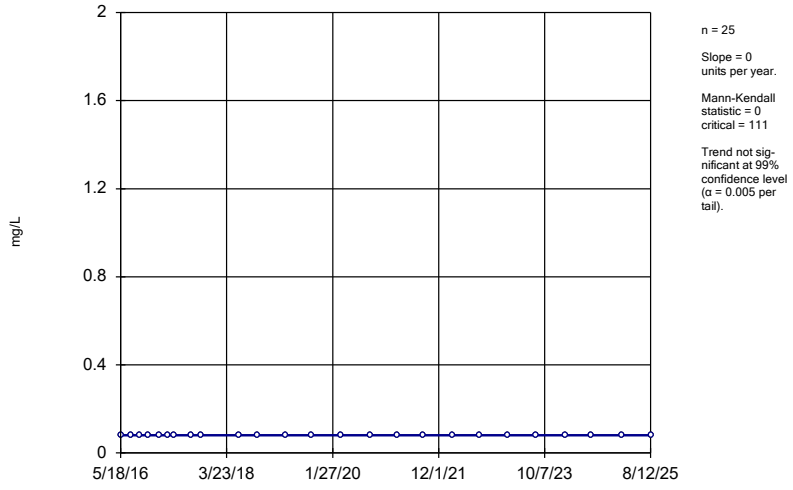
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 10/22/2025 3:08 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 = 25

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 111

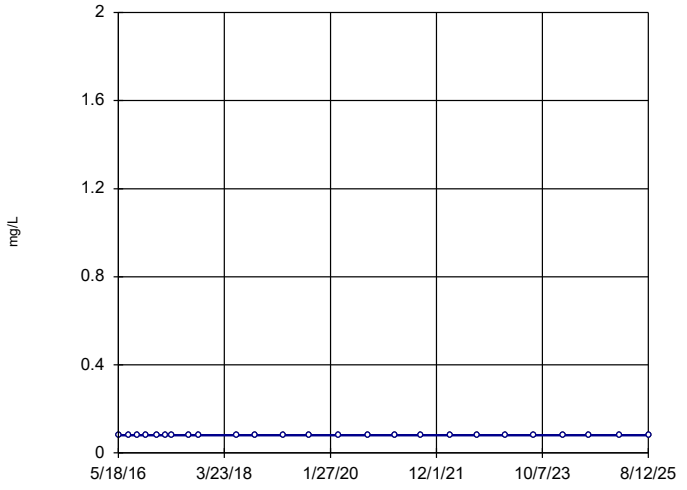
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 10/22/2025 3:08 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 = 25

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 111

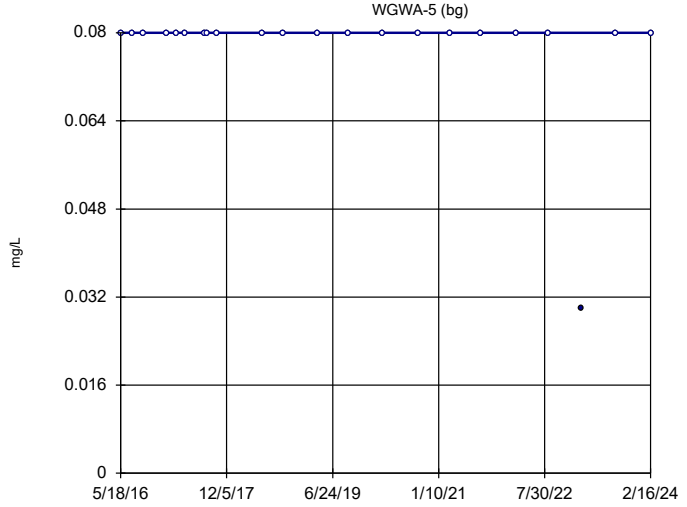
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 10/22/2025 3:08 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

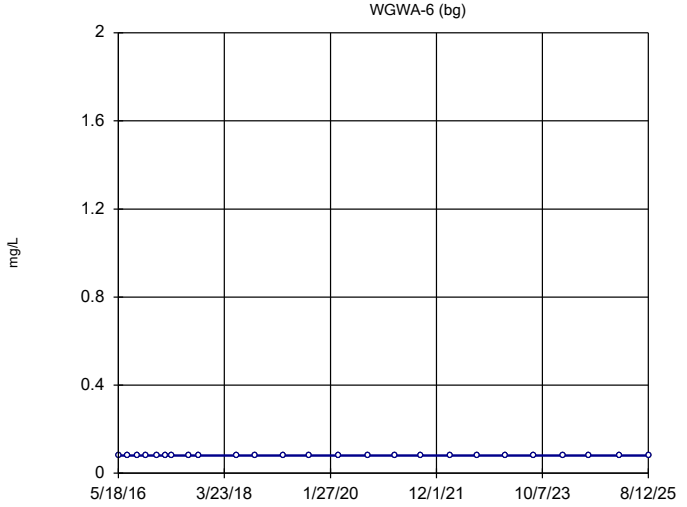
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 10/22/2025 3:08 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 = 25

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 111

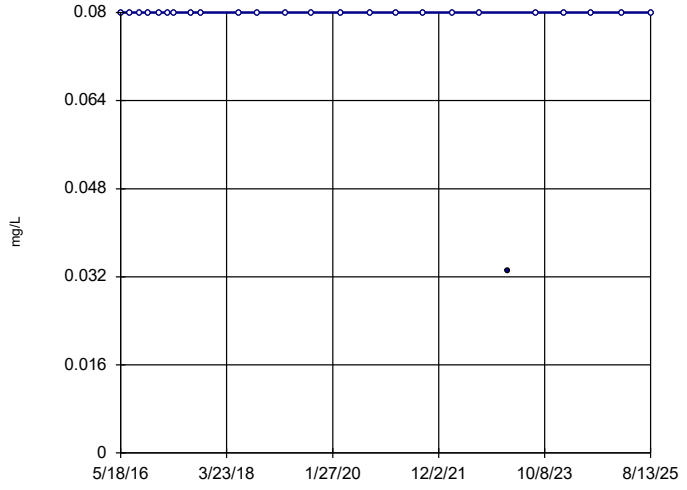
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 10/22/2025 3:08 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 = 25

Slope = 0 units per year.

Mann-Kendall statistic = -14 critical = -111

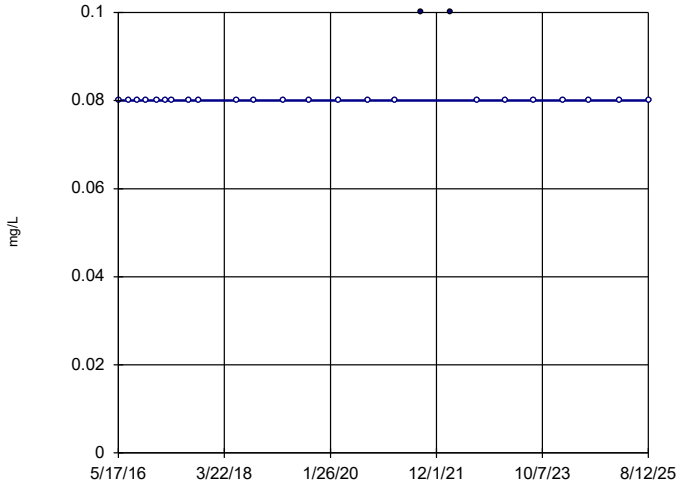
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 10/22/2025 3:08 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 = 25

Slope = 0 units per year.

Mann-Kendall statistic = 18 critical = 111

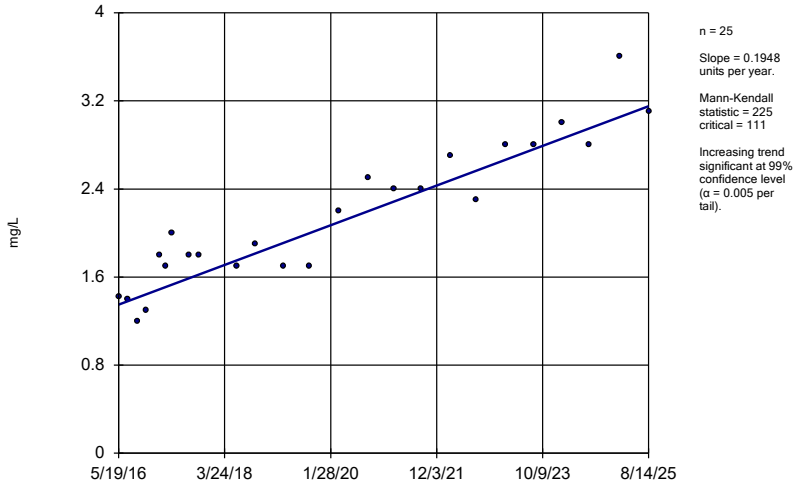
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 10/22/2025 3:08 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-8



n = 25

Slope = 0.1948 units per year.

Mann-Kendall statistic = 225 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

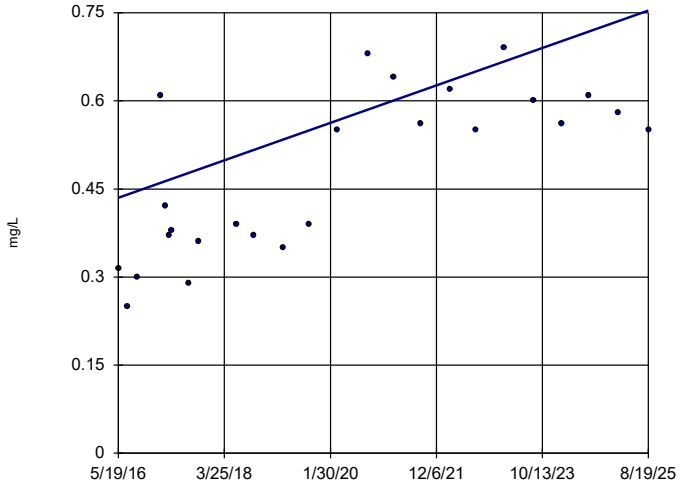
Constituent: Boron Analysis Run 10/22/2025 3:08 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-9



n = 25

Slope = 0.03447 units per year.

Mann-Kendall statistic = 141 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

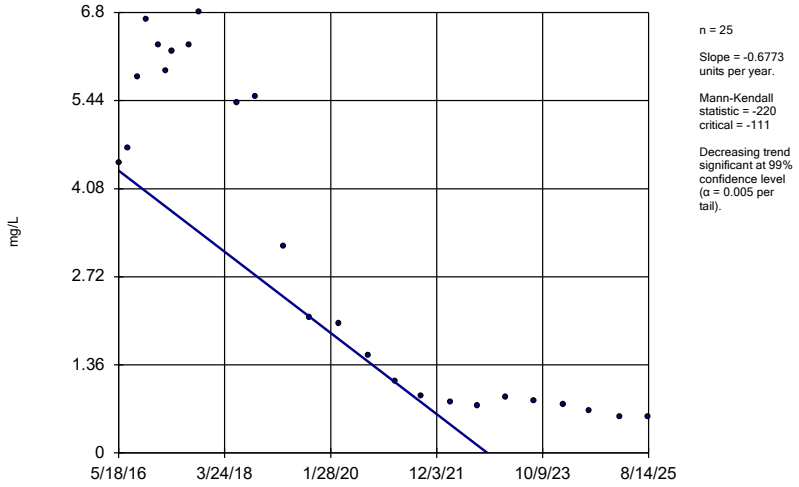
Constituent: Boron Analysis Run 10/22/2025 3:08 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-16



n = 25

Slope = -0.6773 units per year.

Mann-Kendall statistic = -220 critical = -111

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

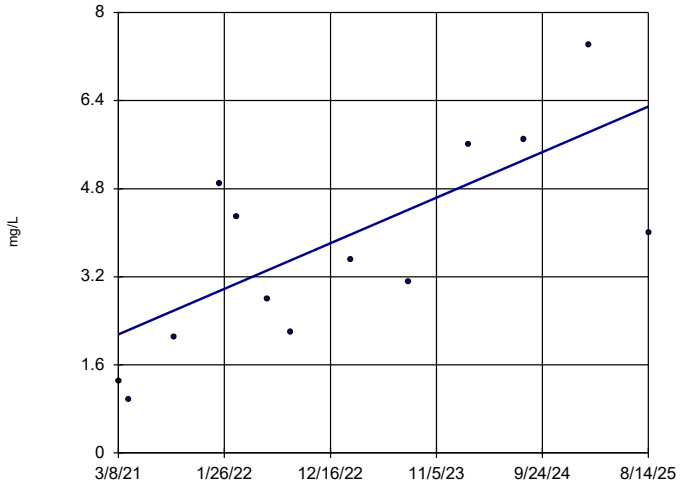
Constituent: Boron Analysis Run 10/22/2025 3:08 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-20



n = 13

Slope = 0.9328 units per year.

Mann-Kendall statistic = 44 critical = 43

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

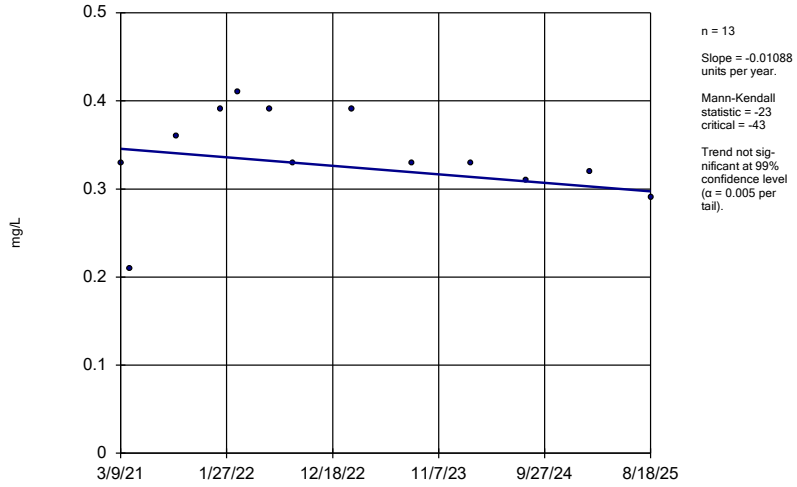
Constituent: Boron Analysis Run 10/22/2025 3:08 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-22



n = 13

Slope = -0.01088 units per year.

Mann-Kendall statistic = -23
critical = -43

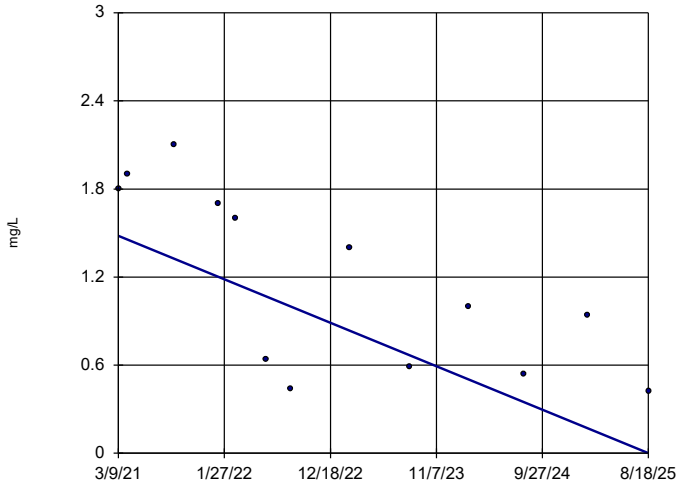
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 10/22/2025 3:08 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 = 13

Slope = -0.333 units per year.

Mann-Kendall statistic = -50
critical = -43

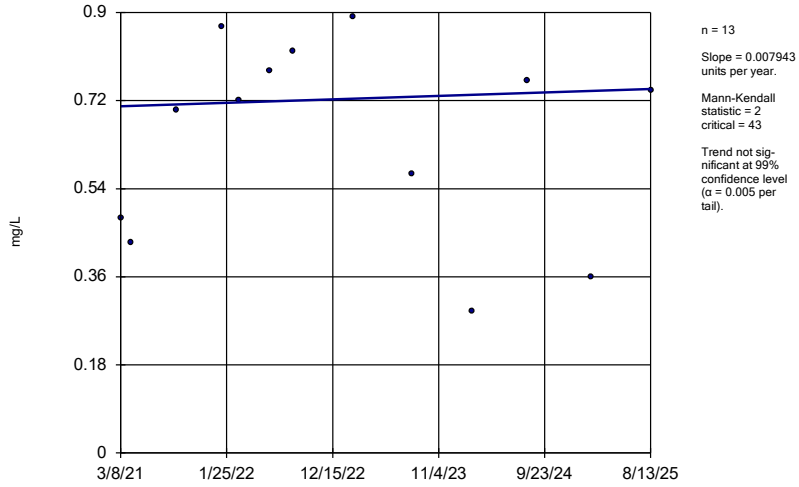
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 10/22/2025 3:08 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 = 13

Slope = 0.007943 units per year.

Mann-Kendall statistic = 2
critical = 43

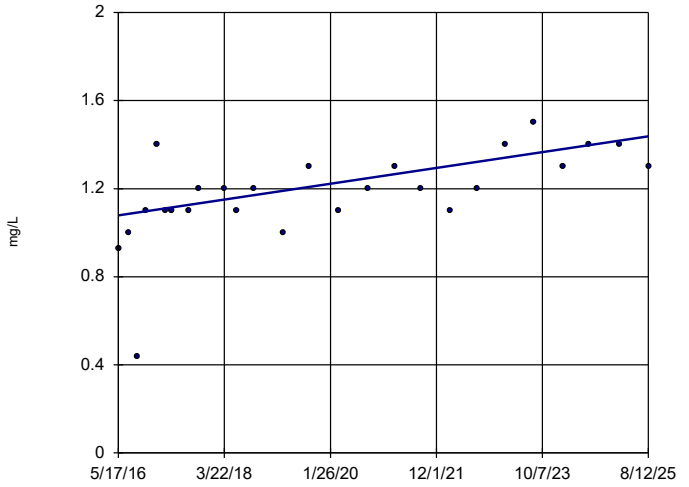
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 10/22/2025 3:08 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 = 26

Slope = 0.03883 units per year.

Mann-Kendall statistic = 170
critical = 118

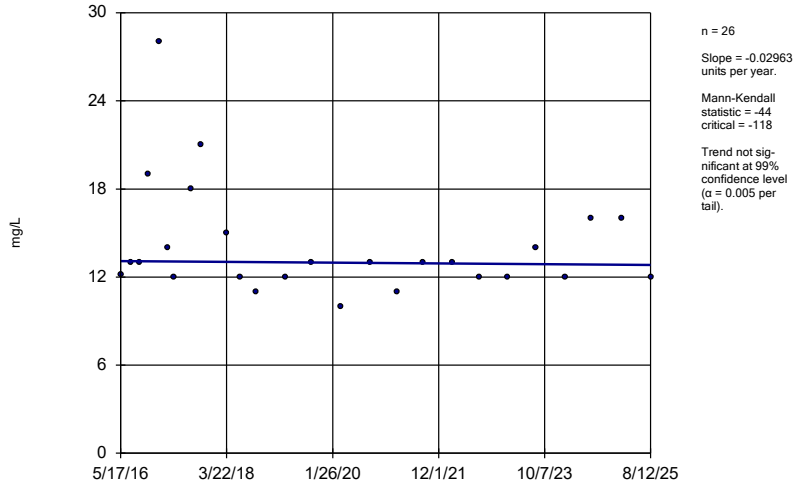
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 10/22/2025 3:08 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

WGWA-2 (bg)



n = 26

Slope = -0.02963 units per year.

Mann-Kendall statistic = -44
critical = -118

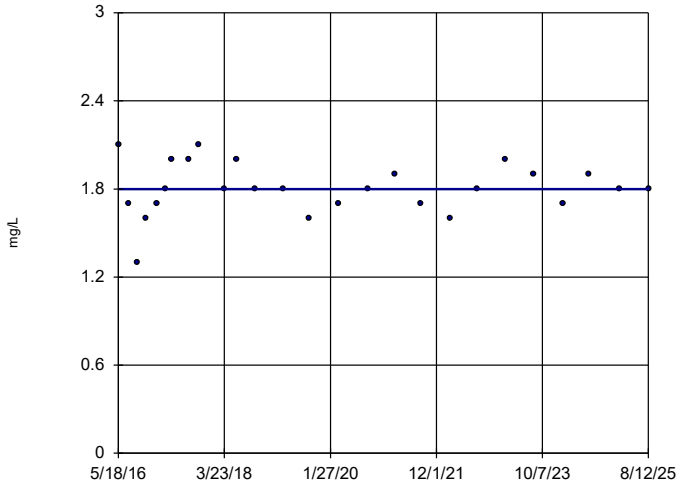
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 10/22/2025 3:08 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 = 26

Slope = 0 units per year.

Mann-Kendall statistic = 8
critical = 118

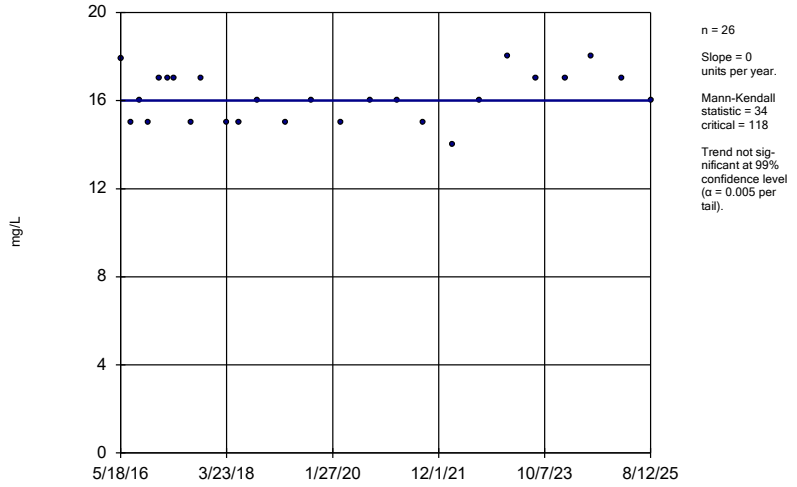
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 10/22/2025 3:08 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 = 26

Slope = 0 units per year.

Mann-Kendall statistic = 34
critical = 118

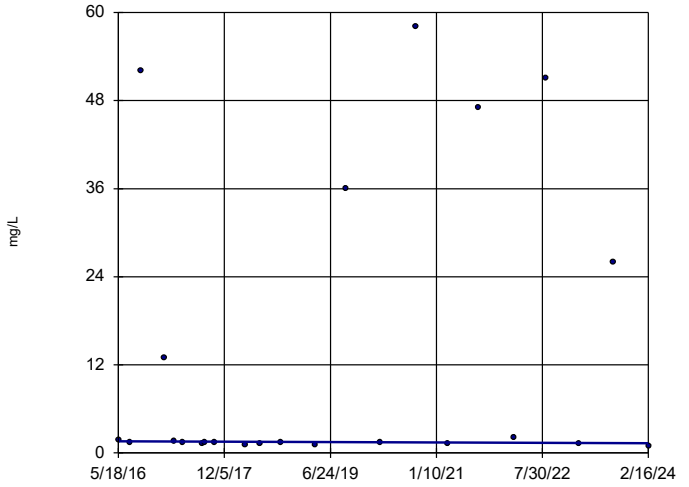
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 10/22/2025 3:08 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

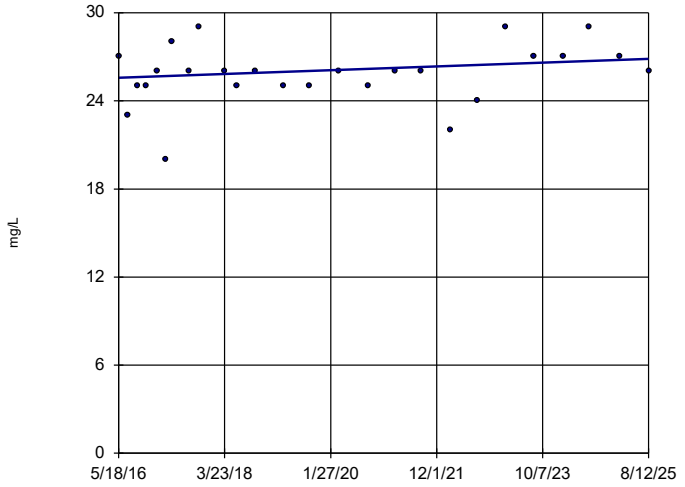
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 10/22/2025 3:08 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

WGWA-6 (bg)



n = 26

Slope = 0.1395 units per year.

Mann-Kendall statistic = 63
critical = 118

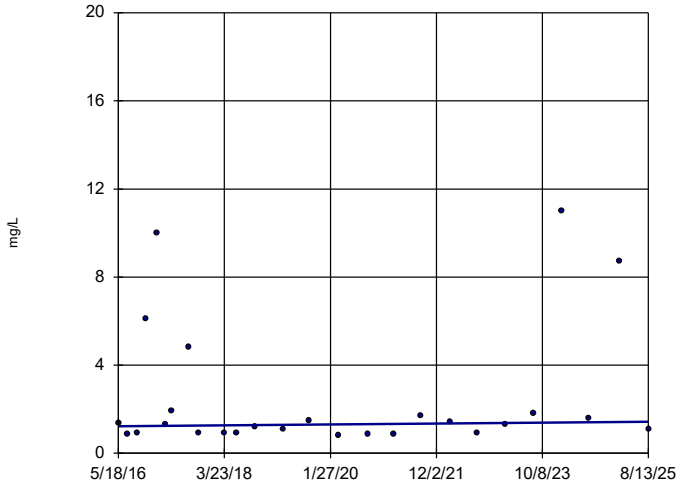
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 10/22/2025 3:08 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 = 26

Slope = 0.02232 units per year.

Mann-Kendall statistic = 34
critical = 118

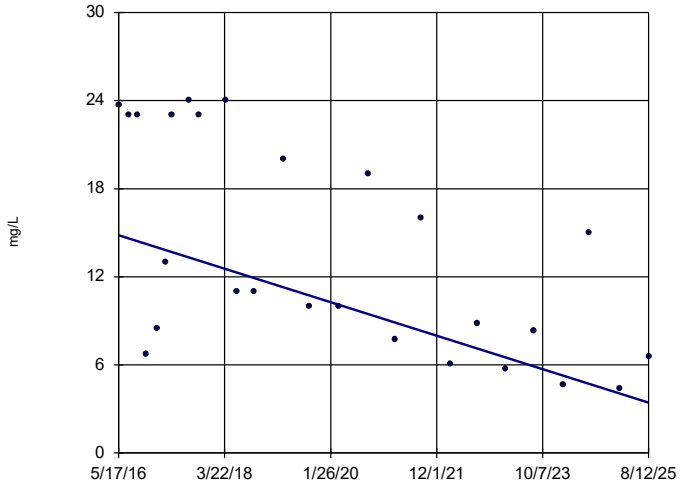
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 10/22/2025 3:08 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 = 26

Slope = -1.232 units per year.

Mann-Kendall statistic = -160
critical = -118

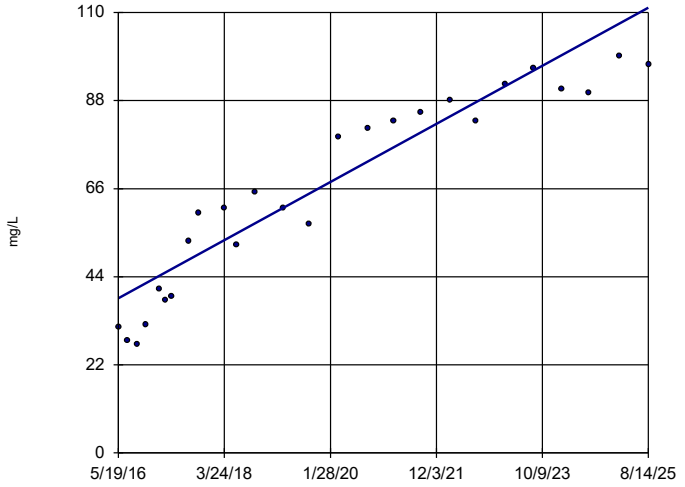
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 10/22/2025 3:08 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-8



n = 26

Slope = 7.849 units per year.

Mann-Kendall statistic = 281
critical = 118

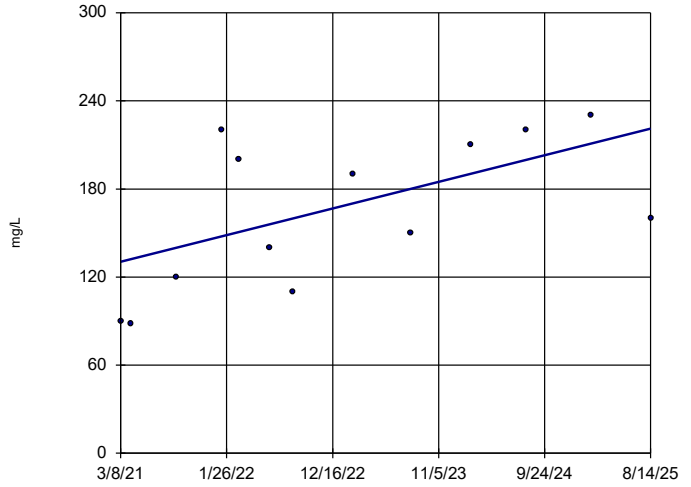
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 10/22/2025 3:08 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 = 13

Slope = 20.39 units per year.

Mann-Kendall statistic = 37 critical = 43

Trend not significant at 99% confidence level (α = 0.005 per tail).

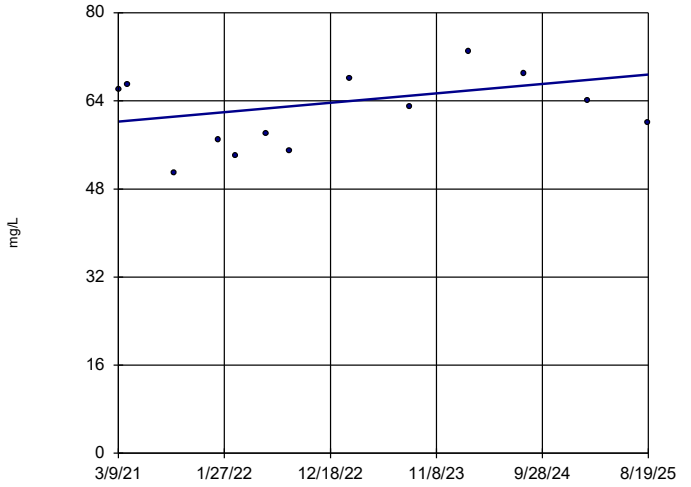
Constituent: Calcium Analysis Run 10/22/2025 3:08 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-21



n = 13

Slope = 1.914 units per year.

Mann-Kendall statistic = 20 critical = 43

Trend not significant at 99% confidence level (α = 0.005 per tail).

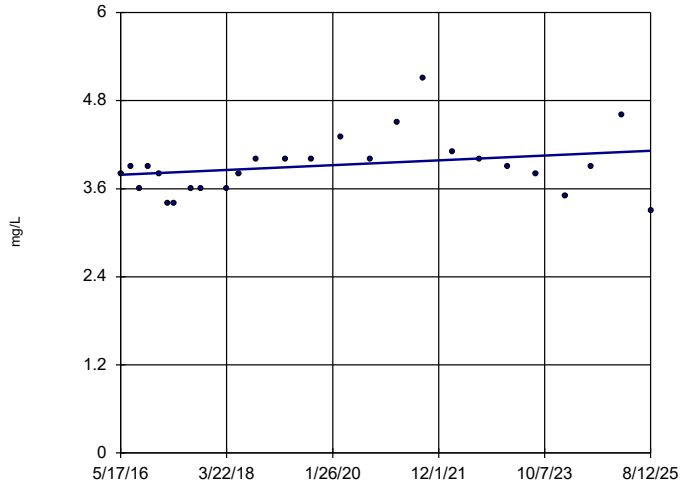
Constituent: Calcium Analysis Run 10/22/2025 3:08 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWA-1 (bg)



n = 26

Slope = 0.03559 units per year.

Mann-Kendall statistic = 72 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

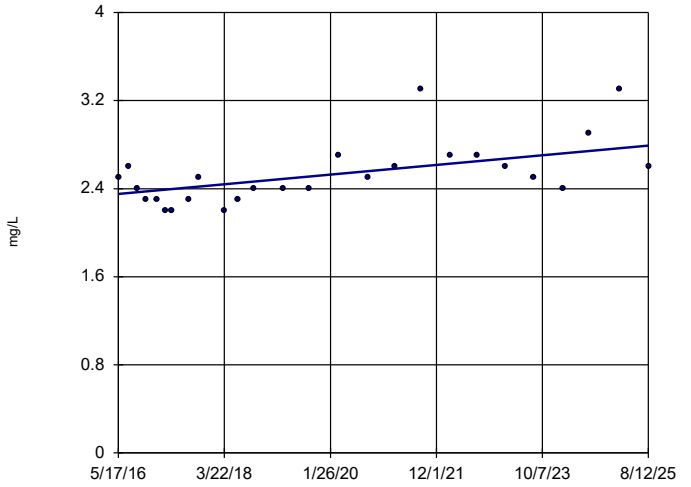
Constituent: Chloride Analysis Run 10/22/2025 3:08 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWA-2 (bg)



n = 26

Slope = 0.04755 units per year.

Mann-Kendall statistic = 138 critical = 118

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

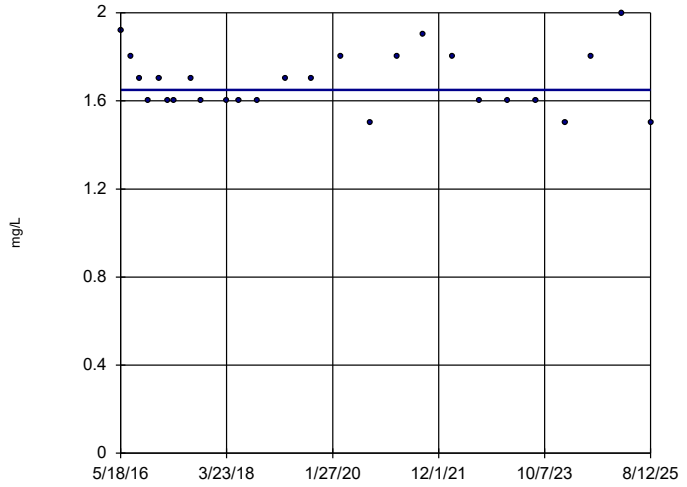
Constituent: Chloride Analysis Run 10/22/2025 3:08 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWA-3 (bg)



n = 26

Slope = 0 units per year.

Mann-Kendall statistic = -25
critical = -118

Trend not significant at 99% confidence level (α = 0.005 per tail).

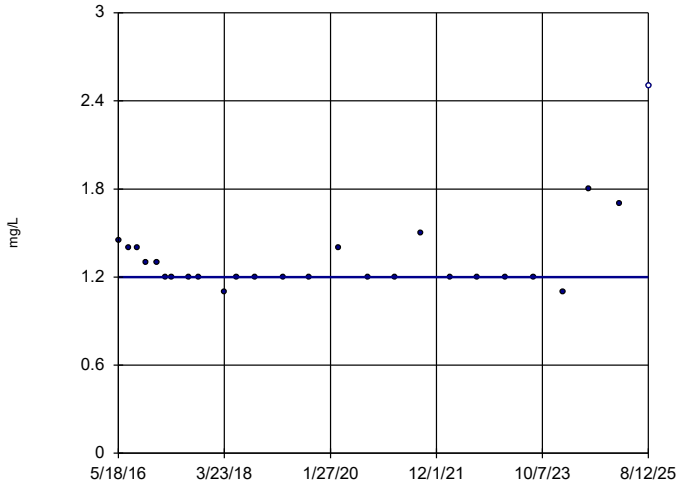
Constituent: Chloride Analysis Run 10/22/2025 3:08 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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 = -11
critical = -118

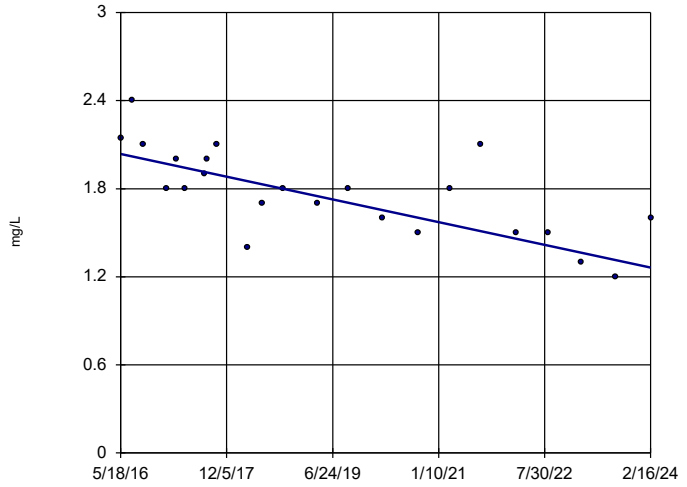
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 10/22/2025 3:08 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

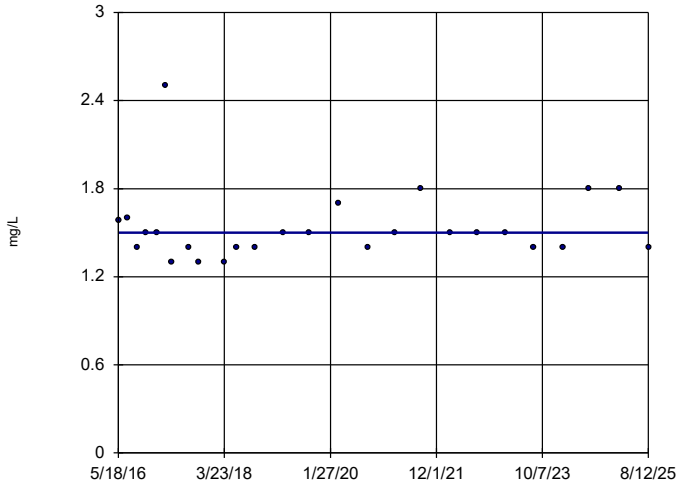
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 10/22/2025 3:08 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 = 26

Slope = 0 units per year.

Mann-Kendall statistic = 25
critical = 118

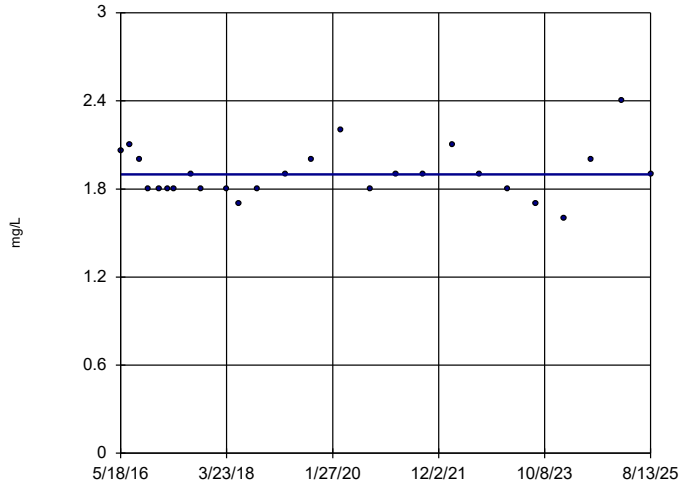
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 10/22/2025 3:08 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 = 26

Slope = 0 units per year.

Mann-Kendall statistic = 3 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

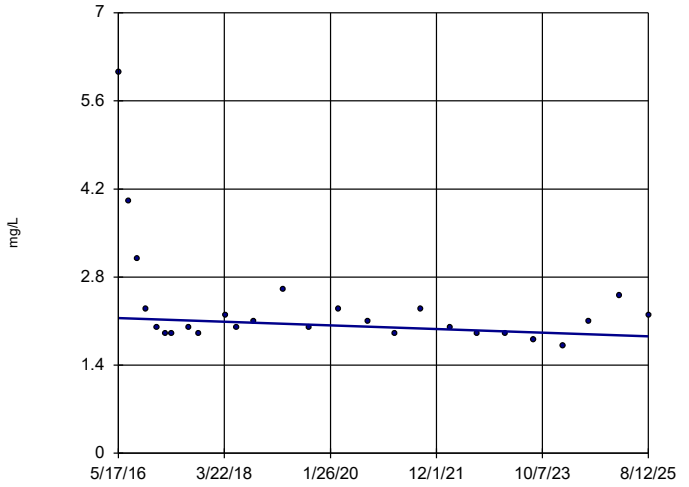
Constituent: Chloride Analysis Run 10/22/2025 3:08 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWA-18 (bg)



n = 26

Slope = -0.03152 units per year.

Mann-Kendall statistic = -77 critical = -118

Trend not significant at 99% confidence level (α = 0.005 per tail).

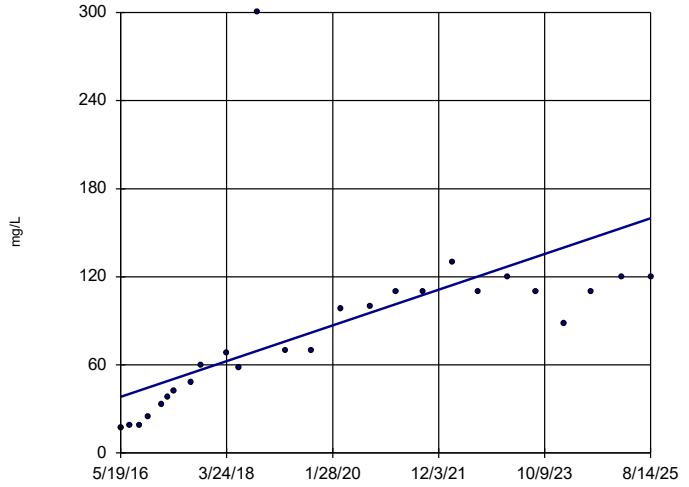
Constituent: Chloride Analysis Run 10/22/2025 3:08 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-8



n = 26

Slope = 13.15 units per year.

Mann-Kendall statistic = 246 critical = 118

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

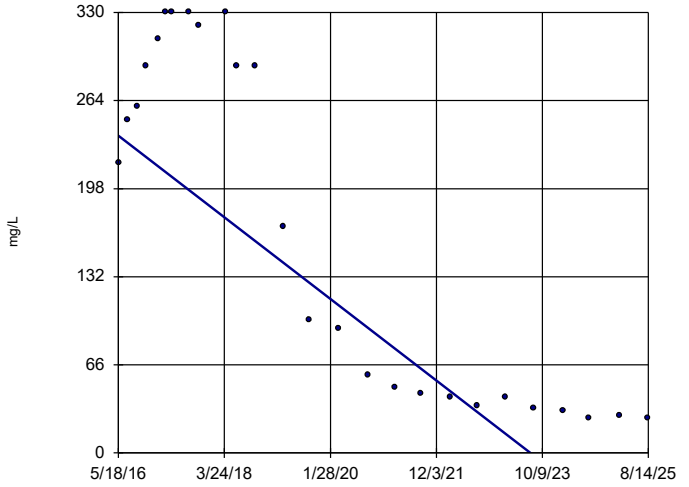
Constituent: Chloride Analysis Run 10/22/2025 3:09 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-16



n = 26

Slope = -33.06 units per year.

Mann-Kendall statistic = -226 critical = -118

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

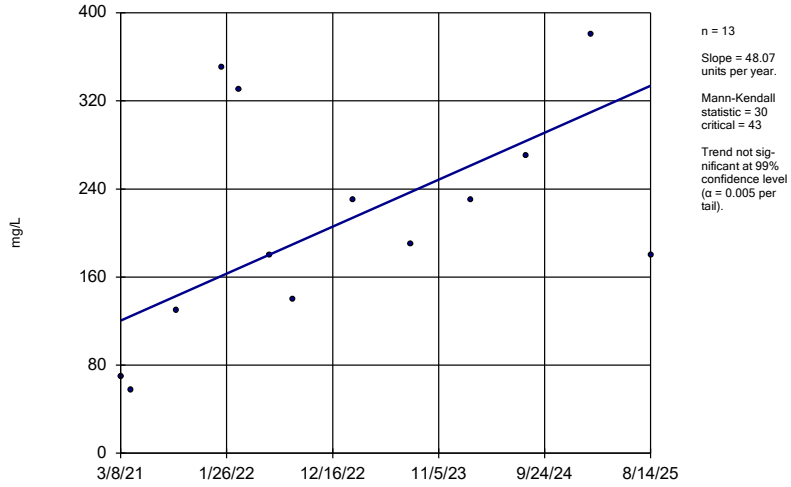
Constituent: Chloride Analysis Run 10/22/2025 3:09 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-20



n = 13

Slope = 48.07 units per year.

Mann-Kendall statistic = 30 critical = 43

Trend not significant at 99% confidence level (α = 0.005 per tail).

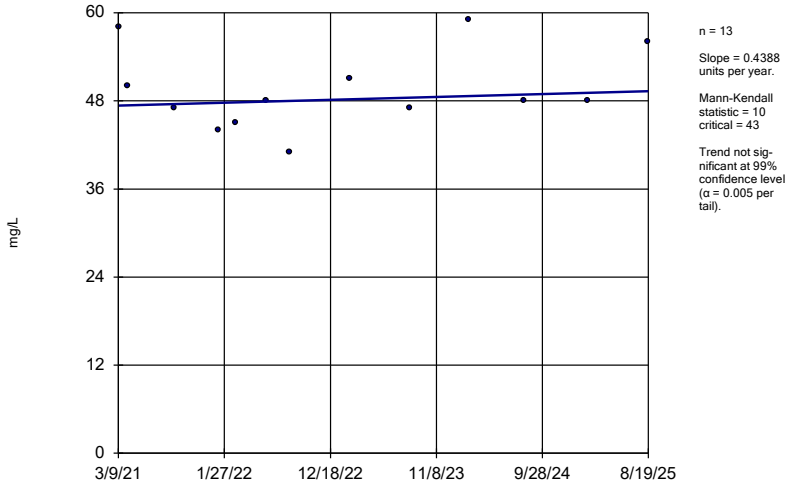
Constituent: Chloride Analysis Run 10/22/2025 3:09 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-21



n = 13

Slope = 0.4388 units per year.

Mann-Kendall statistic = 10 critical = 43

Trend not significant at 99% confidence level (α = 0.005 per tail).

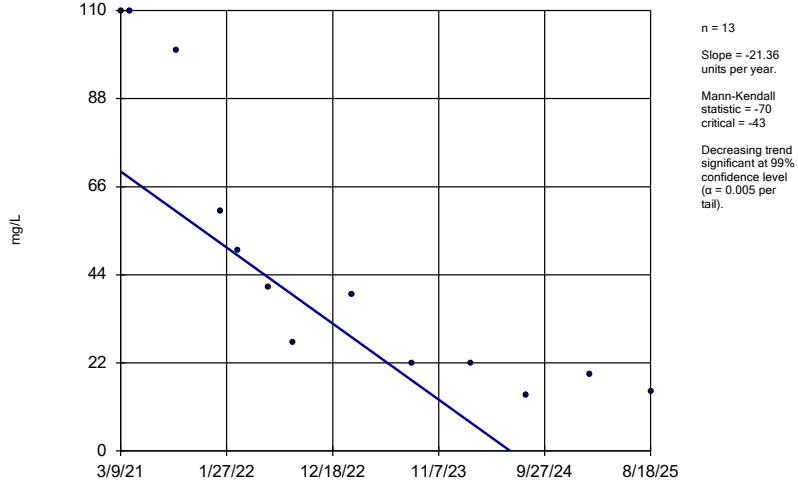
Constituent: Chloride Analysis Run 10/22/2025 3:09 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-24



n = 13

Slope = -21.36 units per year.

Mann-Kendall statistic = -70 critical = -43

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

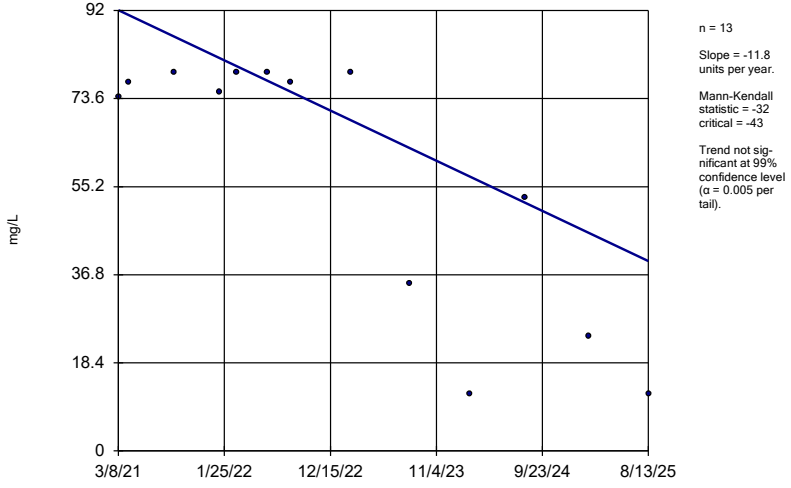
Constituent: Chloride Analysis Run 10/22/2025 3:09 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-25



n = 13

Slope = -11.8 units per year.

Mann-Kendall statistic = -32 critical = -43

Trend not significant at 99% confidence level (α = 0.005 per tail).

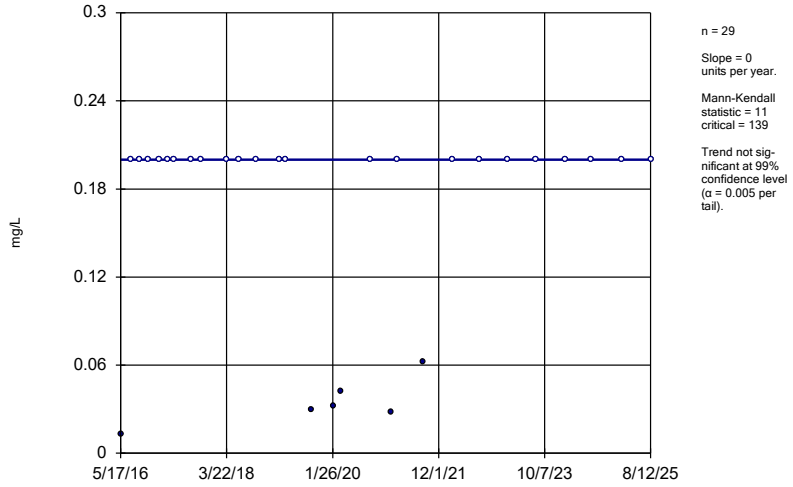
Constituent: Chloride Analysis Run 10/22/2025 3:09 PM View: Appendix III Trend Tests

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 = 29

Slope = 0 units per year.

Mann-Kendall statistic = 11
critical = 139

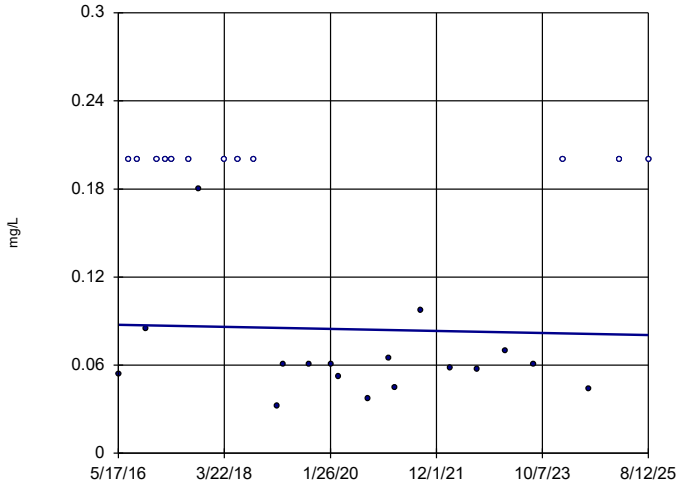
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 10/22/2025 3:09 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 = 29

Slope = -0.0007489 units per year.

Mann-Kendall statistic = -76
critical = -139

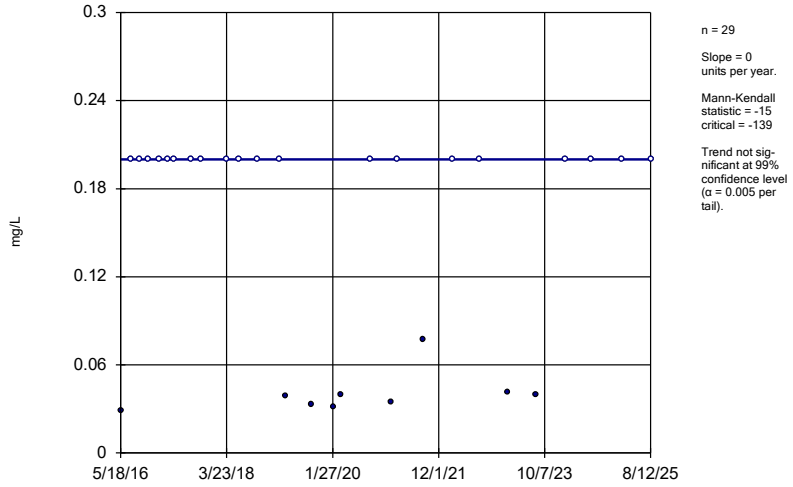
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 10/22/2025 3:09 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 = 29

Slope = 0 units per year.

Mann-Kendall statistic = -15
critical = -139

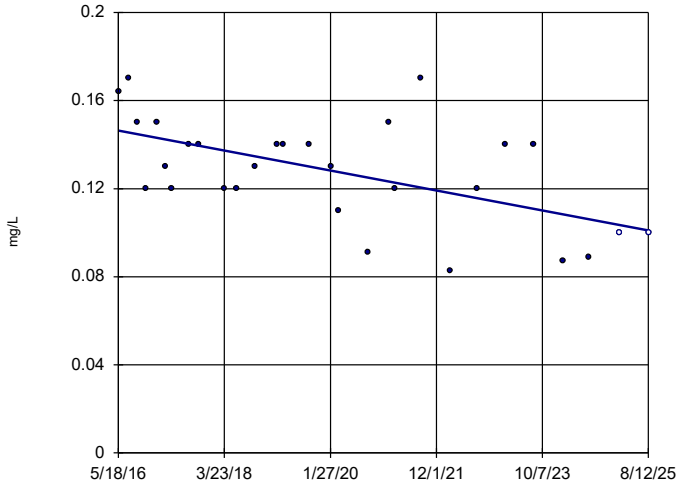
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 10/22/2025 3:09 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 = 29

Slope = -0.004899 units per year.

Mann-Kendall statistic = -146
critical = -139

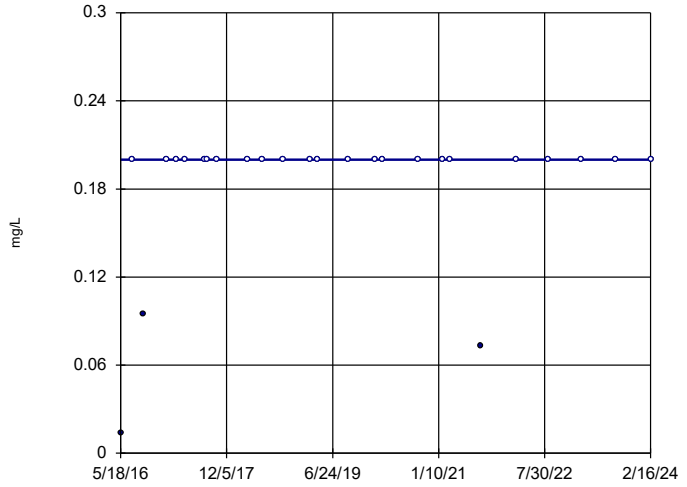
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 10/22/2025 3:09 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

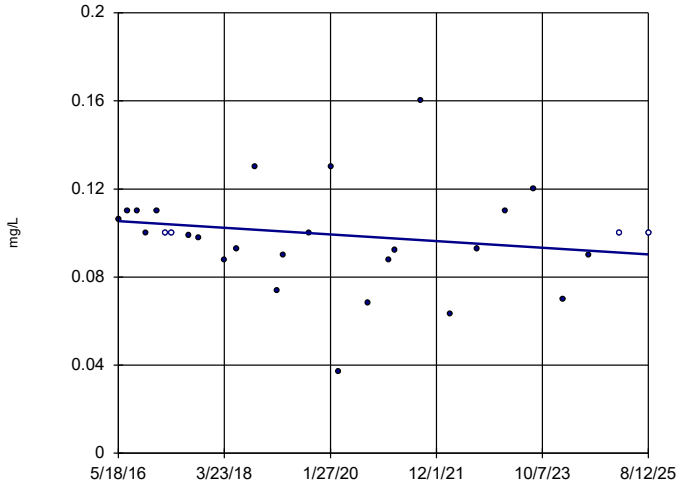
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 10/22/2025 3:09 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-6 (bg)



n = 29

Slope = -0.001644 units per year.

Mann-Kendall statistic = -75
critical = -139

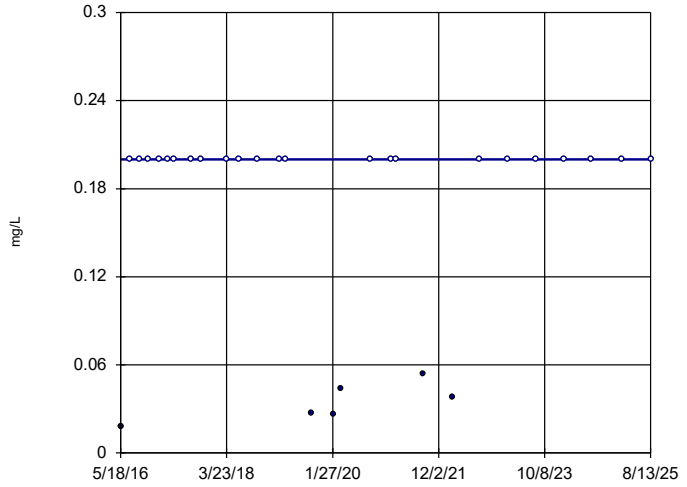
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 10/22/2025 3:09 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 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 = 5
critical = 139

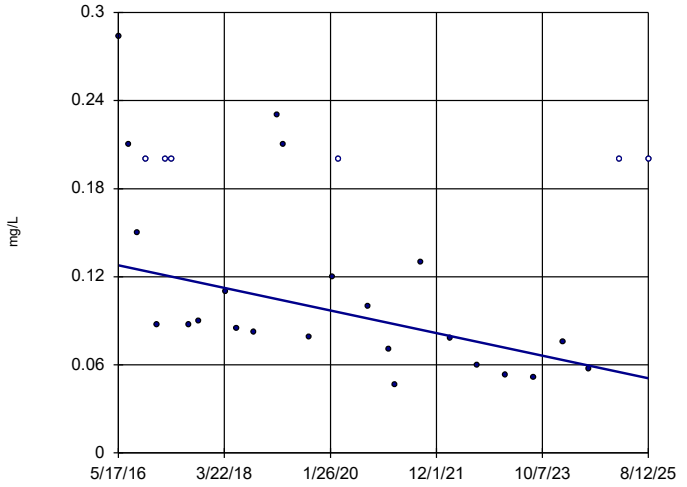
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 10/22/2025 3:09 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-18 (bg)



n = 29

Slope = -0.008324 units per year.

Mann-Kendall statistic = -159
critical = -139

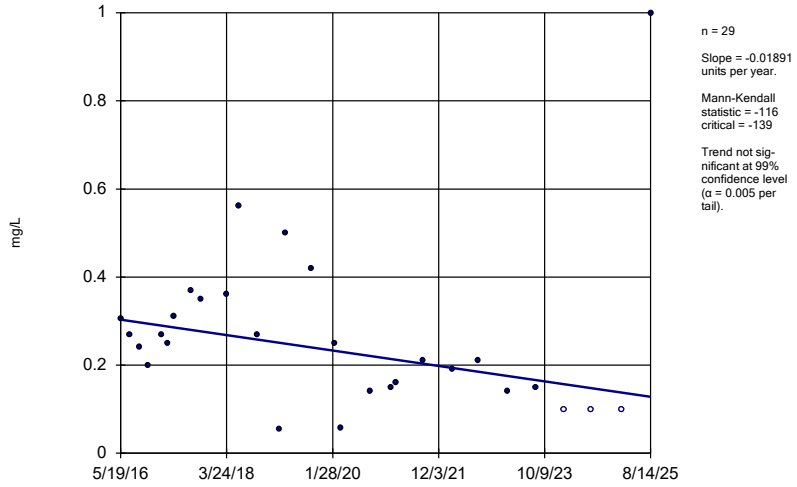
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 10/22/2025 3:09 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-8



n = 29

Slope = -0.01891 units per year.

Mann-Kendall statistic = -116
critical = -139

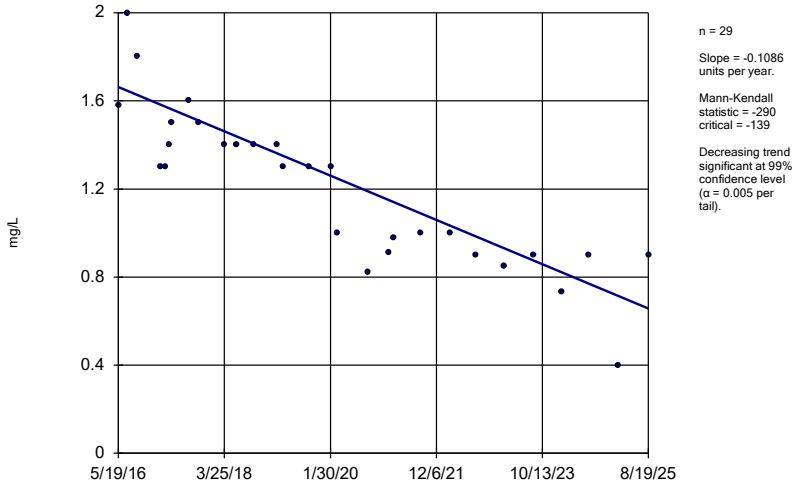
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 10/22/2025 3:09 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

WGWC-9



n = 29

Slope = -0.1086 units per year.

Mann-Kendall statistic = -290
critical = -139

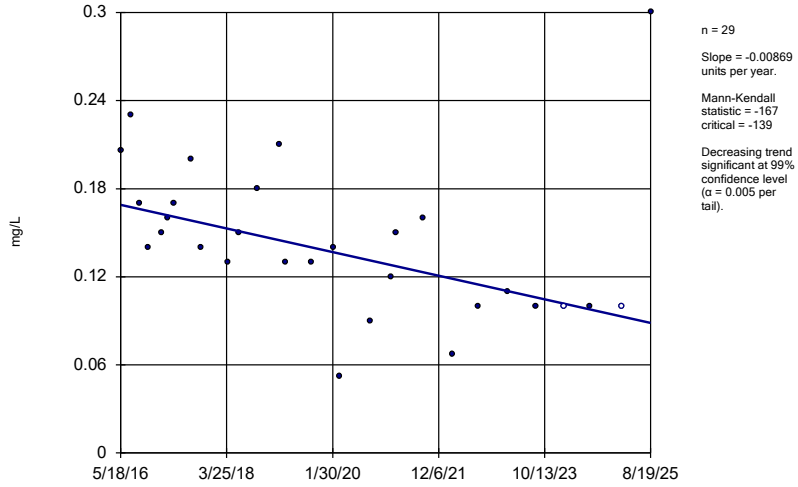
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 10/22/2025 3:09 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-10



n = 29

Slope = -0.00869 units per year.

Mann-Kendall statistic = -167
critical = -139

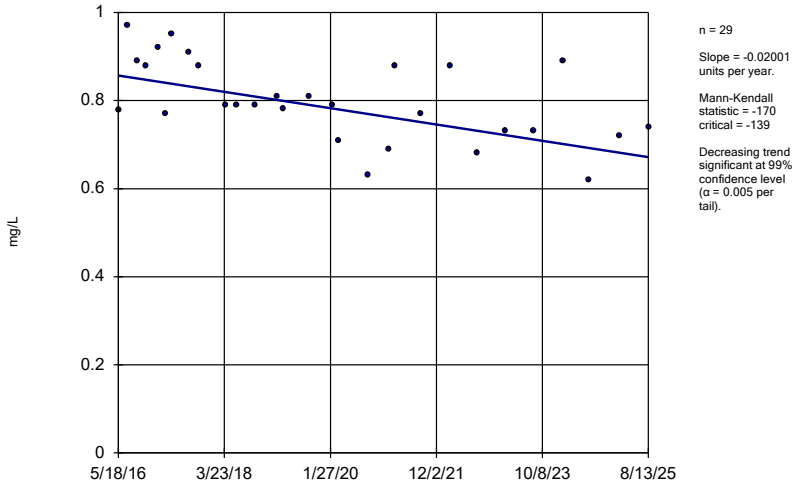
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 10/22/2025 3:09 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 = 29

Slope = -0.02001 units per year.

Mann-Kendall statistic = -170
critical = -139

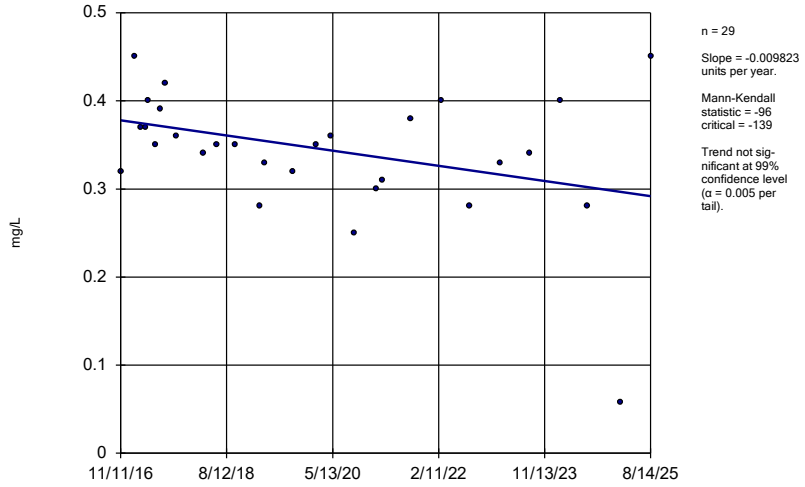
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 10/22/2025 3:09 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 = 29

Slope = -0.009823 units per year.

Mann-Kendall statistic = -96
critical = -139

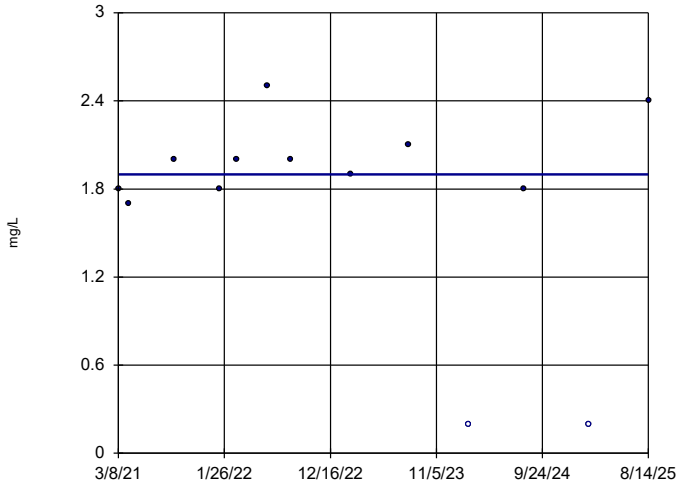
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 10/22/2025 3:09 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 = 13

Slope = 0 units per year.

Mann-Kendall statistic = 3
critical = 43

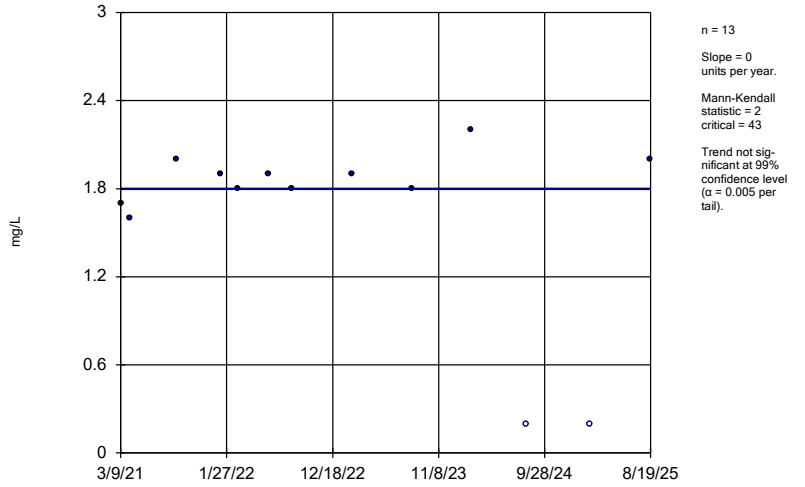
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 10/22/2025 3:09 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 = 13

Slope = 0 units per year.

Mann-Kendall statistic = 2
critical = 43

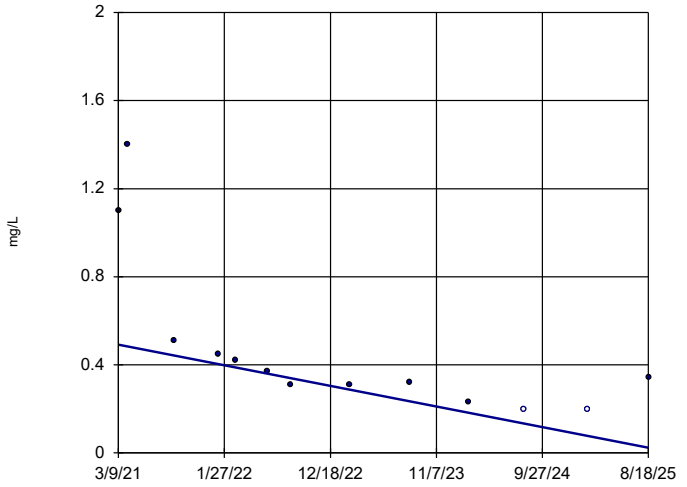
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 10/22/2025 3:09 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-22



n = 13

Slope = -0.1053 units per year.

Mann-Kendall statistic = -58
critical = -43

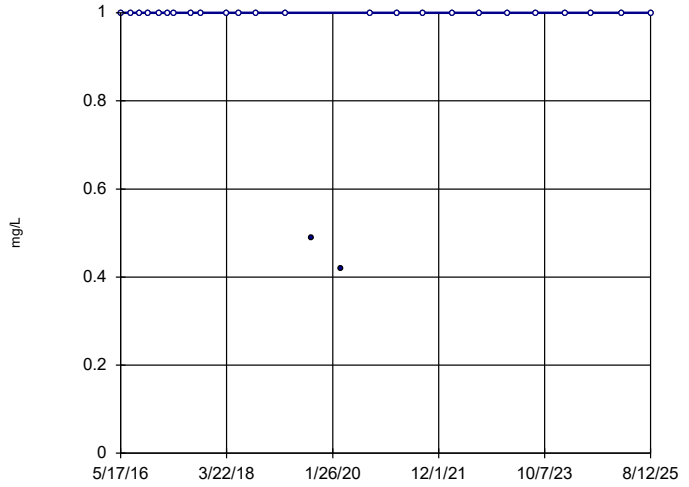
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 10/22/2025 3:09 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 = 26

Slope = 0 units per year.

Mann-Kendall statistic = -5
critical = -118

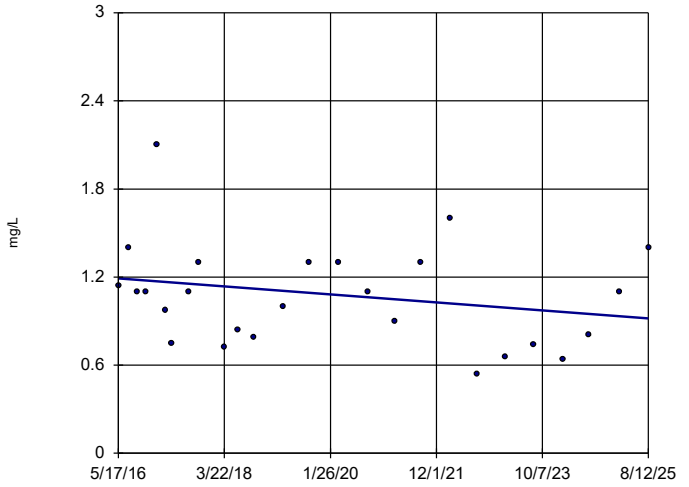
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 10/22/2025 3:09 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 = 26

Slope = -0.02958 units per year.

Mann-Kendall statistic = -54
critical = -118

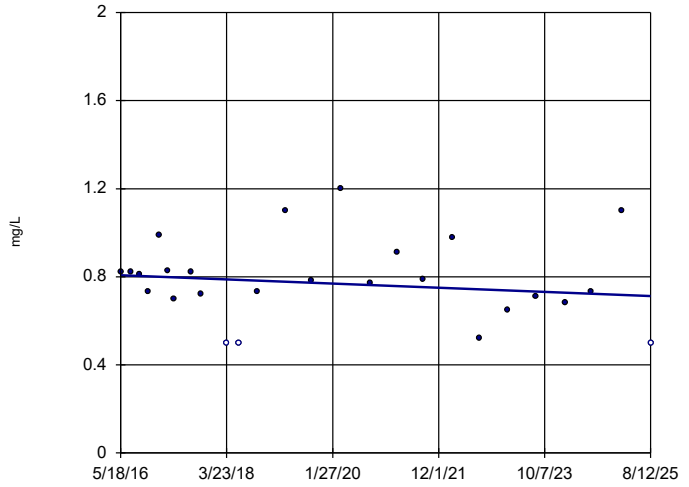
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 10/22/2025 3:09 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 = -0.01015 units per year.

Mann-Kendall statistic = -49
critical = -118

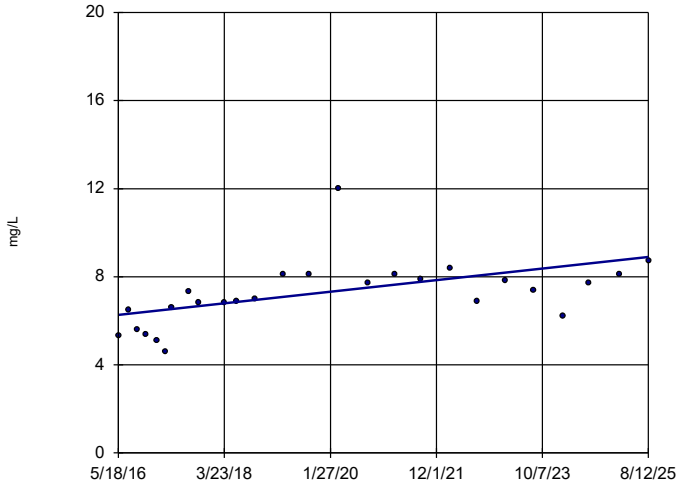
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 10/22/2025 3:09 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 = 26

Slope = 0.2841 units per year.

Mann-Kendall statistic = 166
critical = 118

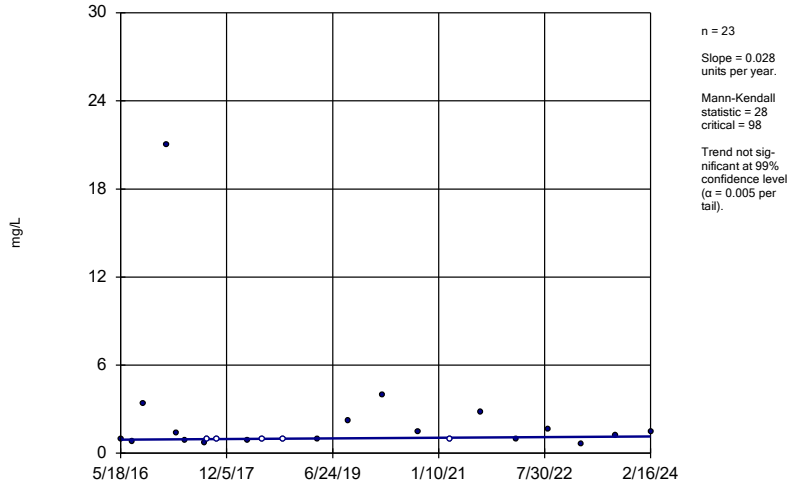
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 10/22/2025 3:09 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

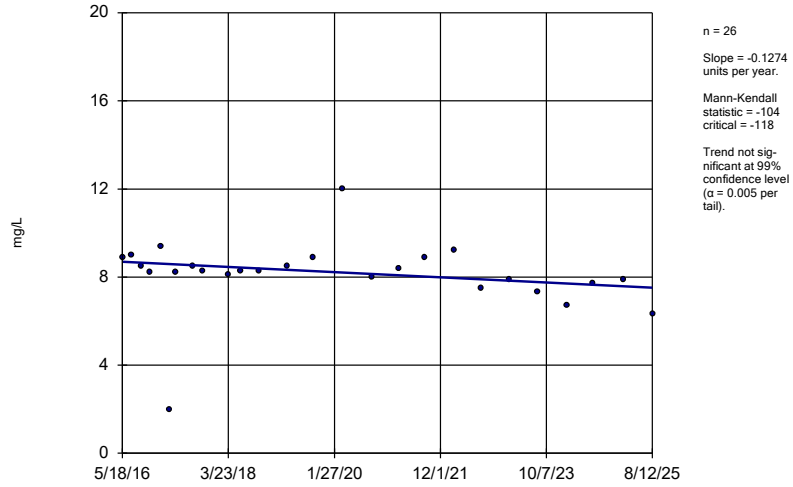
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 10/22/2025 3:09 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 = 26

Slope = -0.1274 units per year.

Mann-Kendall statistic = -104 critical = -118

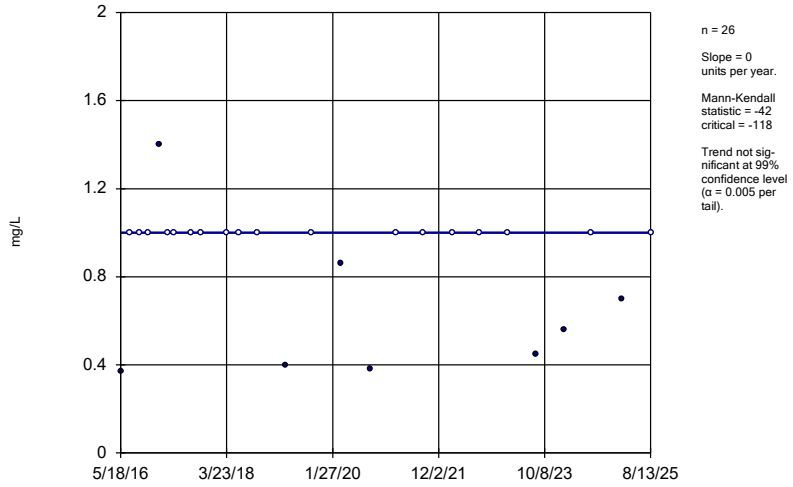
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 10/22/2025 3:09 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 = -42 critical = -118

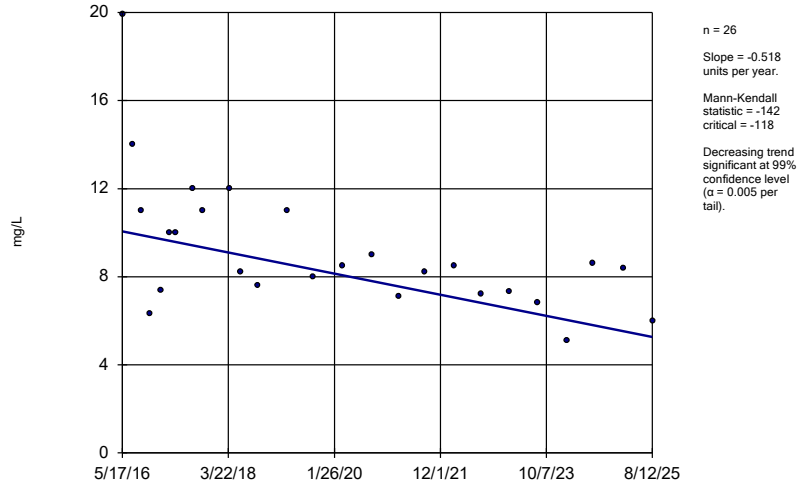
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 10/22/2025 3:09 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 = 26

Slope = -0.518 units per year.

Mann-Kendall statistic = -142 critical = -118

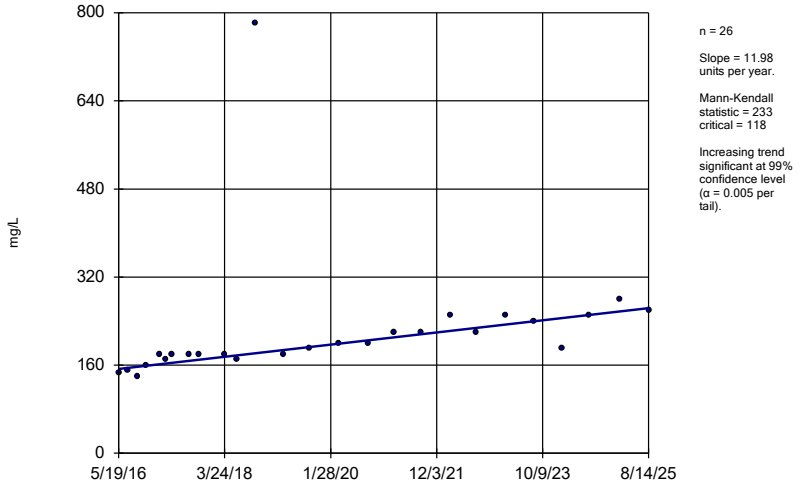
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 10/22/2025 3:09 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-8



n = 26

Slope = 11.98 units per year.

Mann-Kendall statistic = 233 critical = 118

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

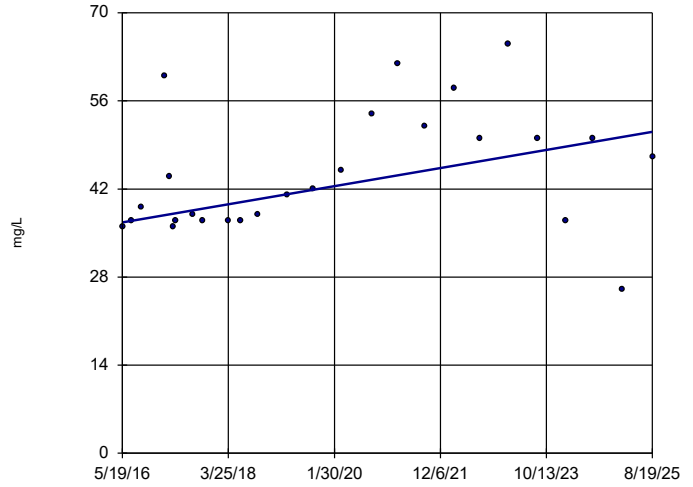
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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-9



n = 26

Slope = 1.553 units per year.

Mann-Kendall statistic = 102 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

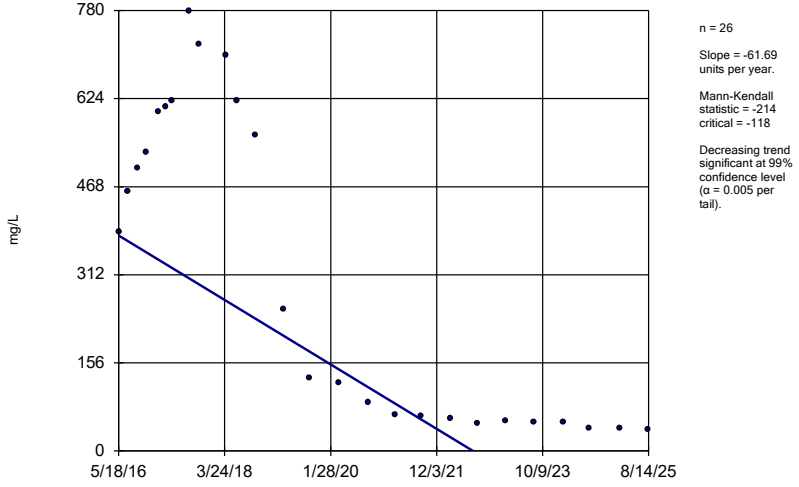
Constituent: Sulfate Analysis Run 10/22/2025 3:09 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-16



n = 26

Slope = -61.69 units per year.

Mann-Kendall statistic = -214 critical = -118

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

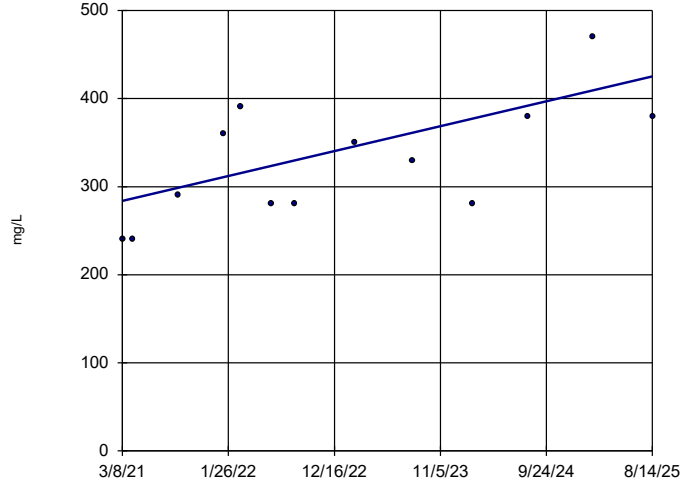
Constituent: Sulfate Analysis Run 10/22/2025 3:09 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-20



n = 13

Slope = 31.78 units per year.

Mann-Kendall statistic = 35 critical = 43

Trend not significant at 99% confidence level (α = 0.005 per tail).

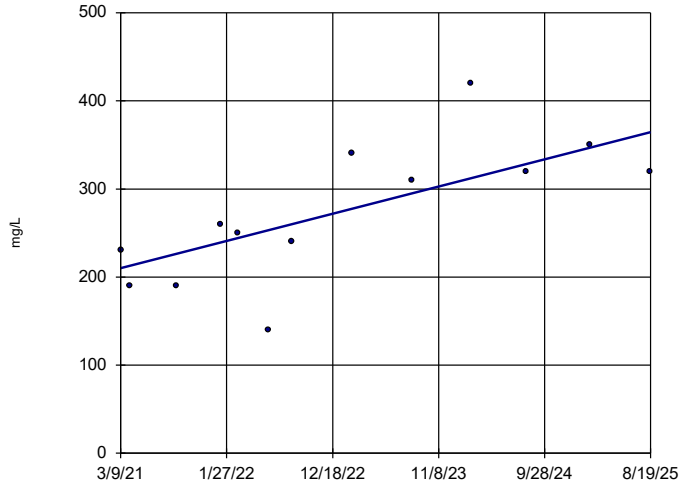
Constituent: Sulfate Analysis Run 10/22/2025 3:09 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-21



n = 13

Slope = 34.71 units per year.

Mann-Kendall statistic = 42 critical = 43

Trend not significant at 99% confidence level (α = 0.005 per tail).

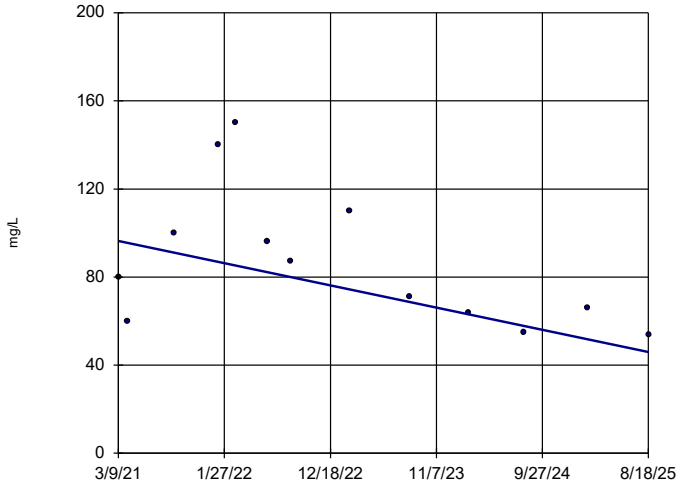
Constituent: Sulfate Analysis Run 10/22/2025 3:09 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-22



n = 13

Slope = -11.36 units per year.

Mann-Kendall statistic = -32 critical = -43

Trend not significant at 99% confidence level (α = 0.005 per tail).

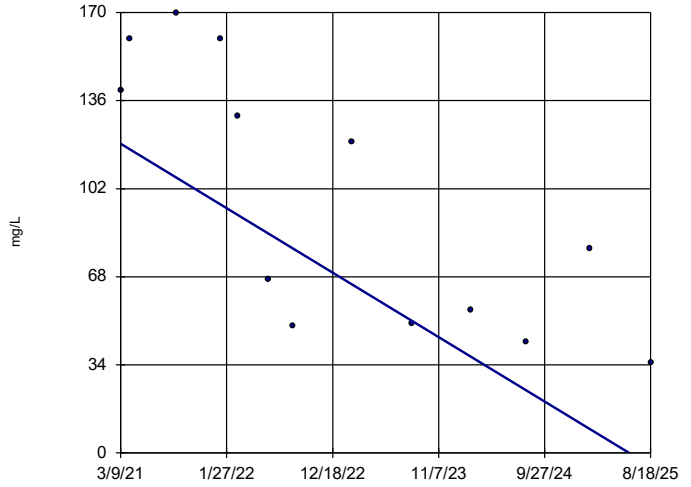
Constituent: Sulfate Analysis Run 10/22/2025 3:09 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-24



n = 13

Slope = -27.99 units per year.

Mann-Kendall statistic = -49 critical = -43

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 10/22/2025 3:09 PM View: Appendix III Trend Tests

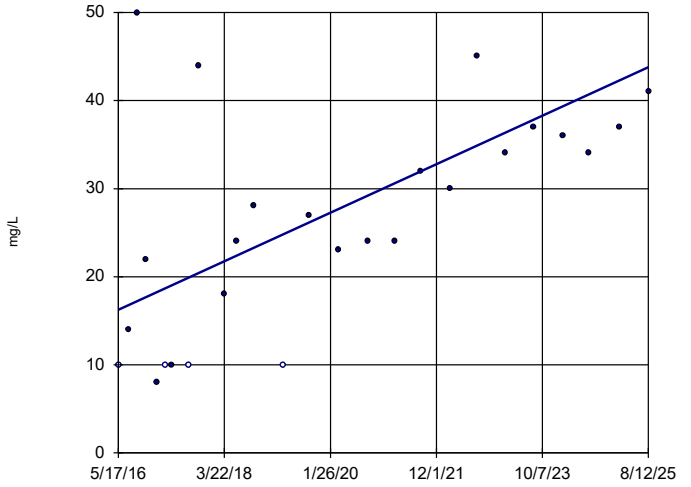
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 26

Slope = 2.976 units per year.

Mann-Kendall statistic = 166 critical = 118

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

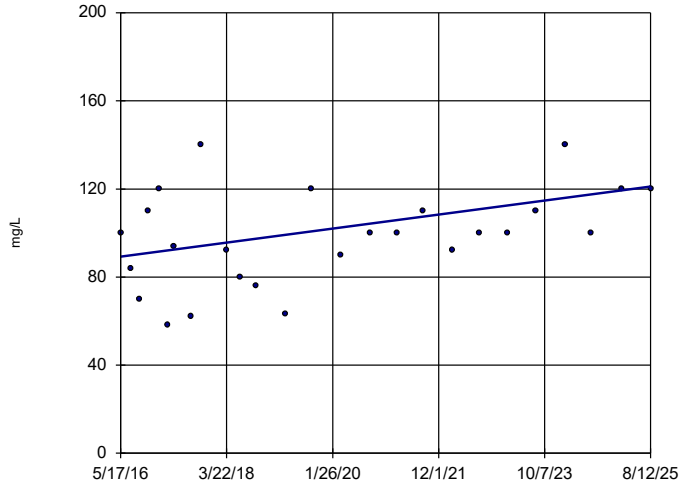
Constituent: TDS Analysis Run 10/22/2025 3:09 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWA-2 (bg)



n = 26

Slope = 3.445 units per year.

Mann-Kendall statistic = 101 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 10/22/2025 3:09 PM View: Appendix III Trend Tests

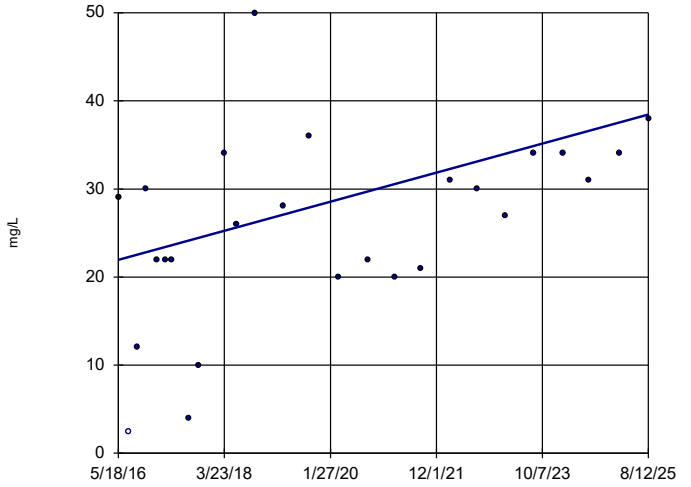
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-3 (bg)



n = 26

Slope = 1.782 units per year.

Mann-Kendall statistic = 122 critical = 118

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

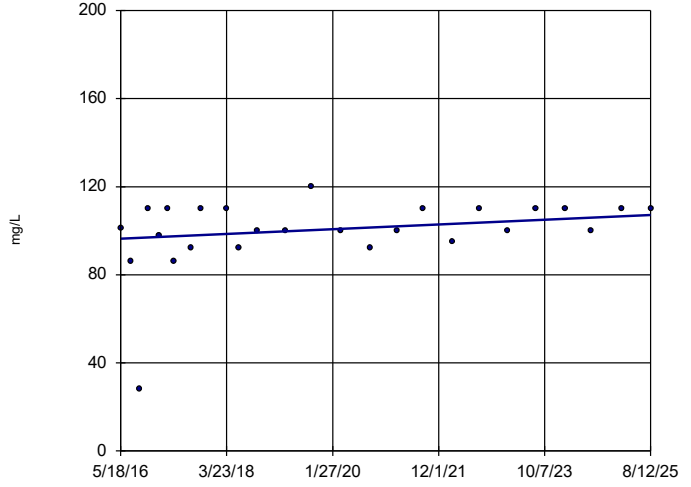
Constituent: TDS Analysis Run 10/22/2025 3:09 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWA-4 (bg)



n = 26

Slope = 1.172 units per year.

Mann-Kendall statistic = 87 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 10/22/2025 3:09 PM View: Appendix III Trend Tests

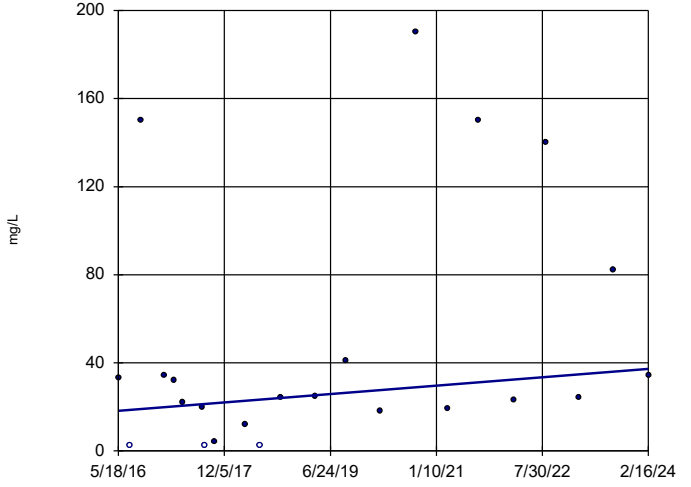
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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).

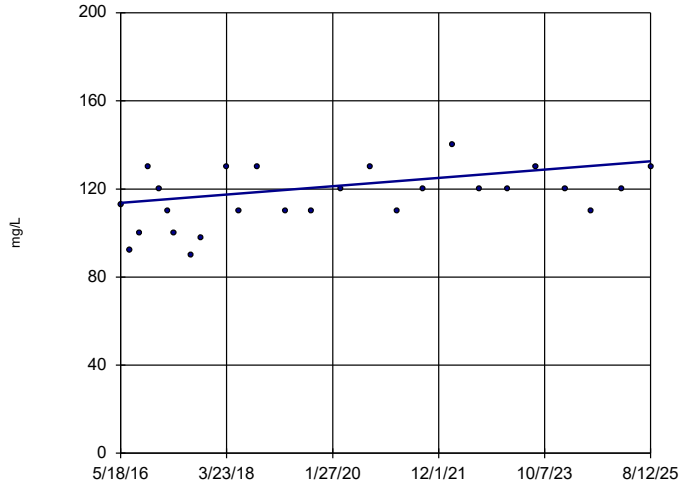
Constituent: TDS Analysis Run 10/22/2025 3:09 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWA-6 (bg)



n = 26

Slope = 2.053 units per year.

Mann-Kendall statistic = 97 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 10/22/2025 3:09 PM View: Appendix III Trend Tests

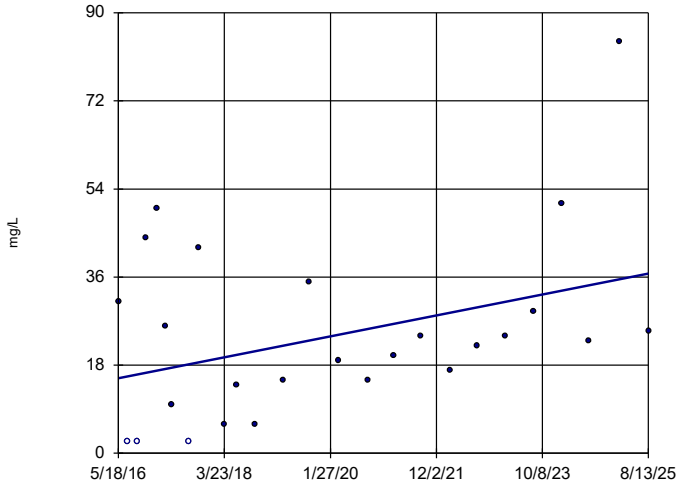
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-7 (bg)



n = 26

Slope = 2.319 units per year.

Mann-Kendall statistic = 93 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

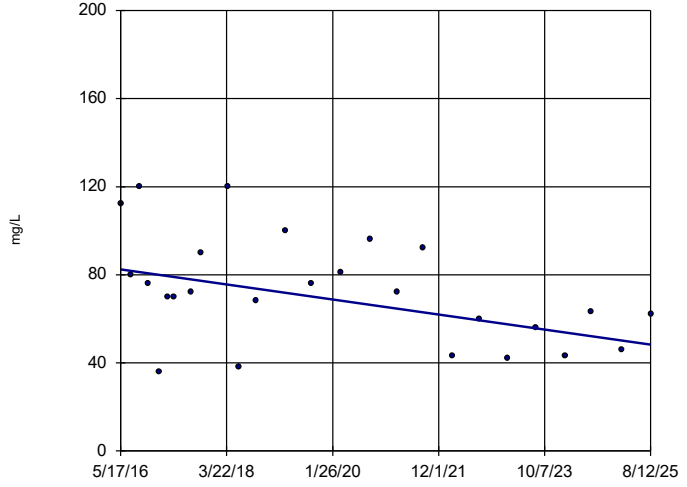
Constituent: TDS Analysis Run 10/22/2025 3:09 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWA-18 (bg)



n = 26

Slope = -3.699 units per year.

Mann-Kendall statistic = -100 critical = -118

Trend not significant at 99% confidence level (α = 0.005 per tail).

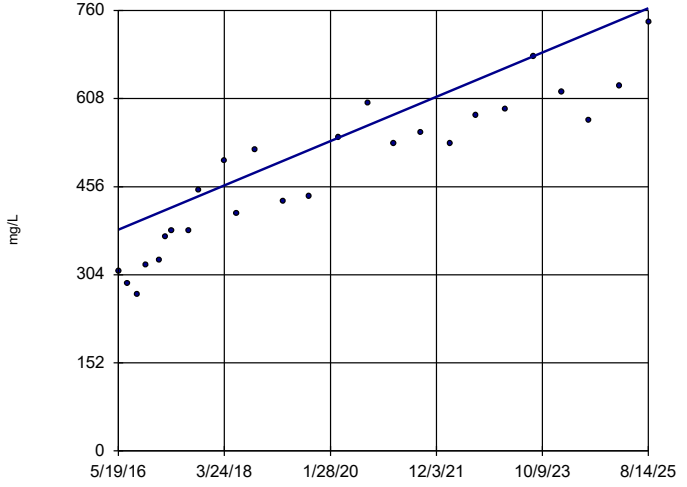
Constituent: TDS Analysis Run 10/22/2025 3:09 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Sen's Slope Estimator

WGWC-8



n = 26

Slope = 41.33 units per year.

Mann-Kendall statistic = 271 critical = 118

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

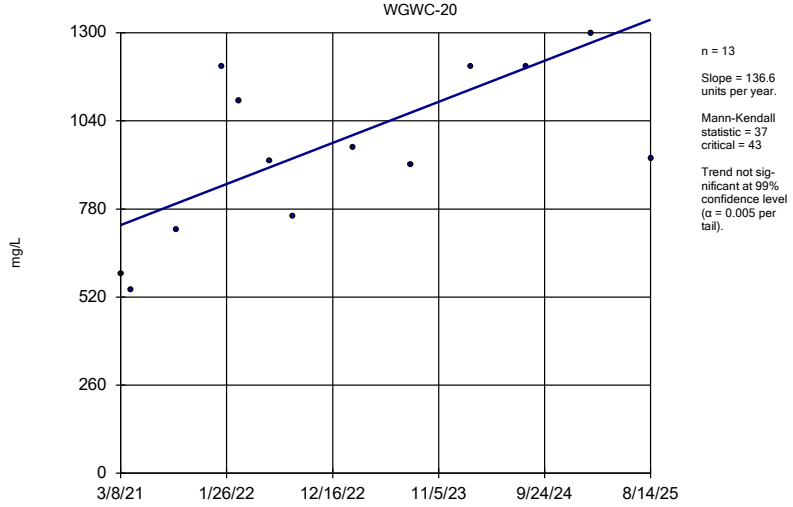
Constituent: TDS Analysis Run 10/22/2025 3:09 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

WGWC-20



n = 13

Slope = 136.6 units per year.

Mann-Kendall statistic = 37
critical = 43

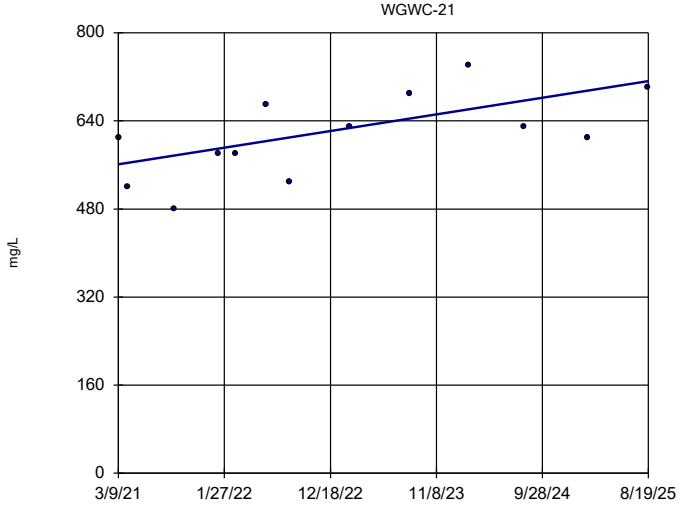
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 10/22/2025 3:09 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 = 13

Slope = 33.95 units per year.

Mann-Kendall statistic = 37
critical = 43

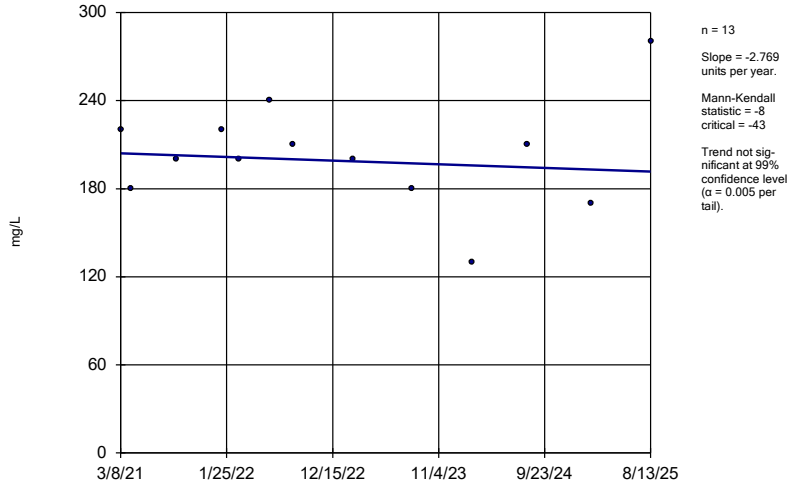
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 10/22/2025 3:09 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 = 13

Slope = -2.769 units per year.

Mann-Kendall statistic = -8
critical = -43

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 10/22/2025 3:09 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

FIGURE F.

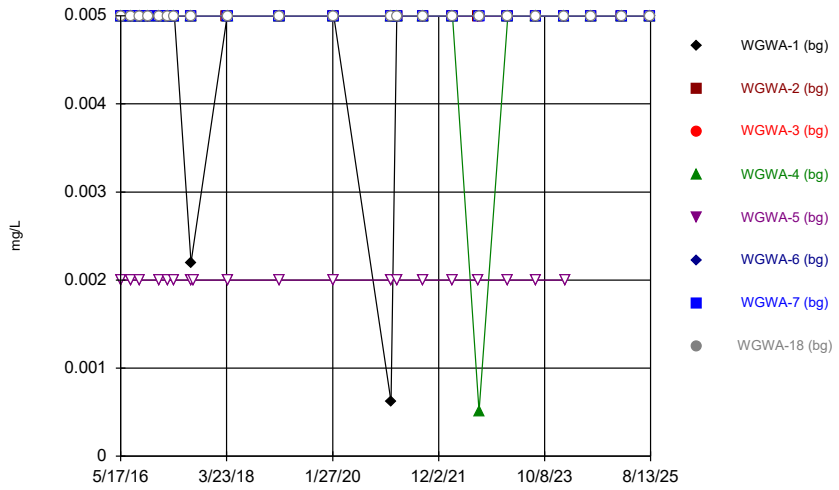
Upper Tolerance Limits Summary Table

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:13 PM

Constituent	Upper Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	0.005	173	n/a	n/a	98.27	n/a	n/a	NaN	NP Inter(NDs)
Arsenic (mg/L)	0.005	221	n/a	n/a	83.71	n/a	n/a	NaN	NP Inter(NDs)
Barium (mg/L)	0.062	221	n/a	n/a	0	n/a	n/a	NaN	NP Inter(normality)
Beryllium (mg/L)	0.0011	221	n/a	n/a	95.02	n/a	n/a	NaN	NP Inter(NDs)
Cadmium (mg/L)	0.0007	205	n/a	n/a	100	n/a	n/a	NaN	NP Inter(NDs)
Chromium (mg/L)	0.0063	220	n/a	n/a	94.55	n/a	n/a	NaN	NP Inter(NDs)
Cobalt (mg/L)	0.0066	219	n/a	n/a	47.95	n/a	n/a	NaN	NP Inter(normality)
Combined Radium 226 + 228 (pCi/L)	13.1	219	n/a	n/a	0	n/a	n/a	NaN	NP Inter(normality)
Fluoride (mg/L)	0.284	229	n/a	n/a	49.34	n/a	n/a	NaN	NP Inter(normality)
Lead (mg/L)	0.0015	205	n/a	n/a	90.24	n/a	n/a	NaN	NP Inter(NDs)
Lithium (mg/L)	0.02	211	n/a	n/a	51.66	n/a	n/a	NaN	NP Inter(NDs)
Mercury (mg/L)	0.0002	189	n/a	n/a	92.06	n/a	n/a	NaN	NP Inter(NDs)
Molybdenum (mg/L)	0.0072	220	n/a	n/a	92.27	n/a	n/a	NaN	NP Inter(NDs)
Selenium (mg/L)	0.005	221	n/a	n/a	95.93	n/a	n/a	NaN	NP Inter(NDs)
Thallium (mg/L)	0.001	221	n/a	n/a	94.12	n/a	n/a	NaN	NP Inter(NDs)

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Hollow symbols indicate censored values.

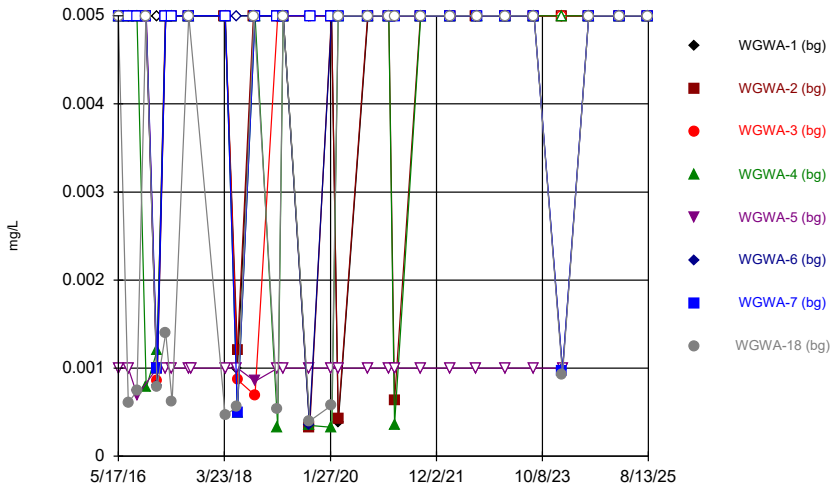
Time Series



Constituent: Antimony Analysis Run 10/22/2025 3:11 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

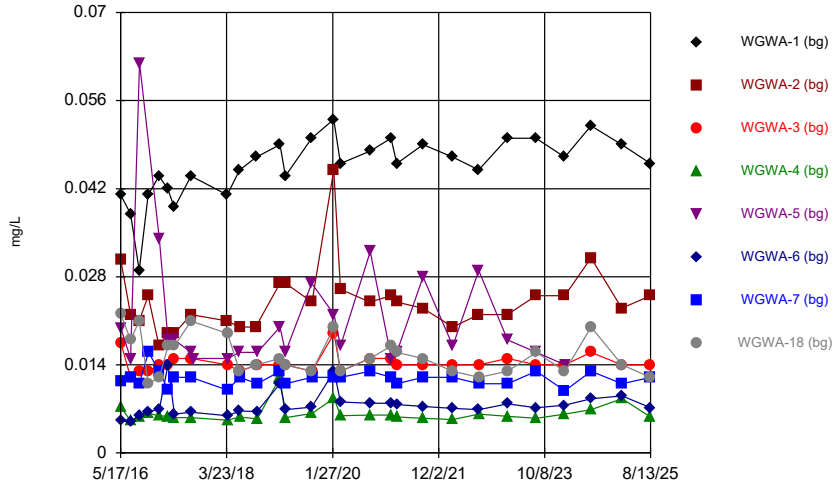
Time Series



Constituent: Arsenic Analysis Run 10/22/2025 3:11 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

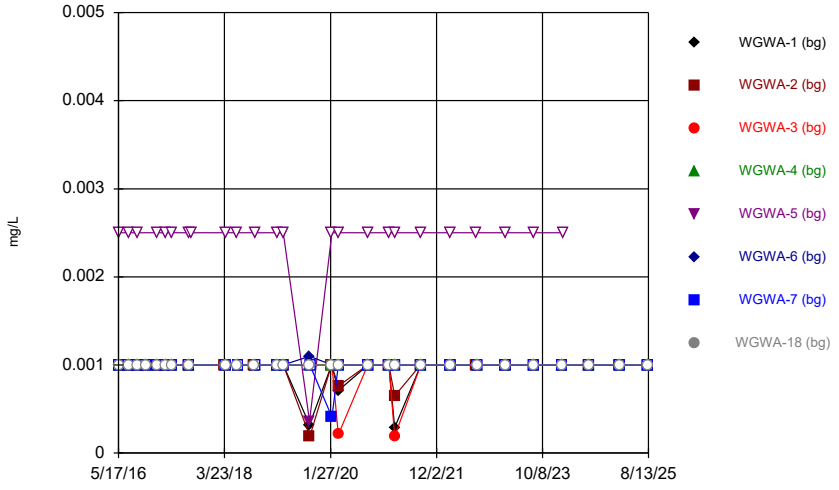
Time Series



Constituent: Barium Analysis Run 10/22/2025 3:11 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

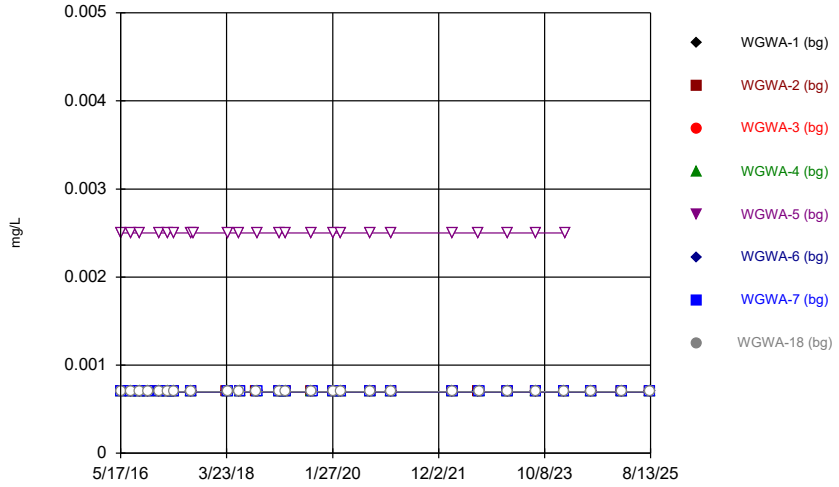
Time Series



Constituent: Beryllium Analysis Run 10/22/2025 3:11 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

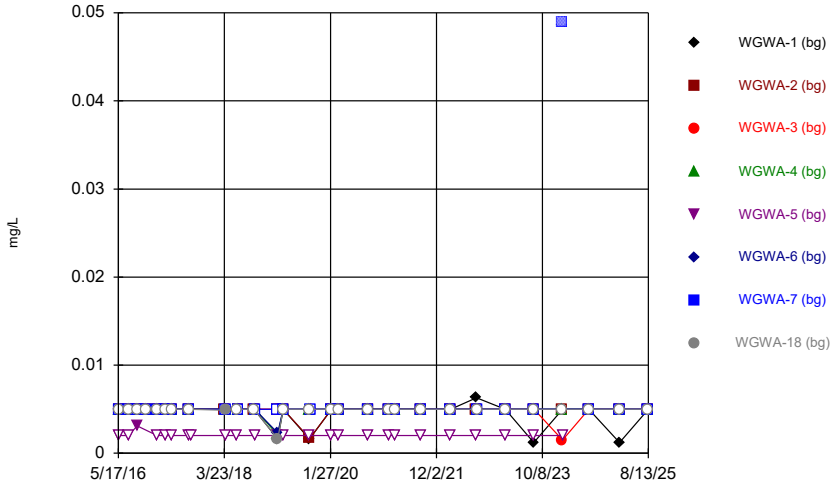
Time Series



Constituent: Cadmium Analysis Run 10/22/2025 3:11 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

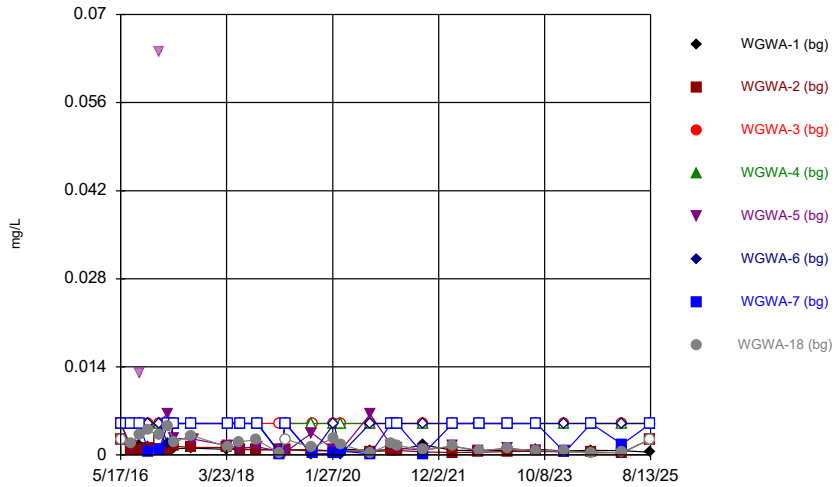
Time Series



Constituent: Chromium Analysis Run 10/22/2025 3:11 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

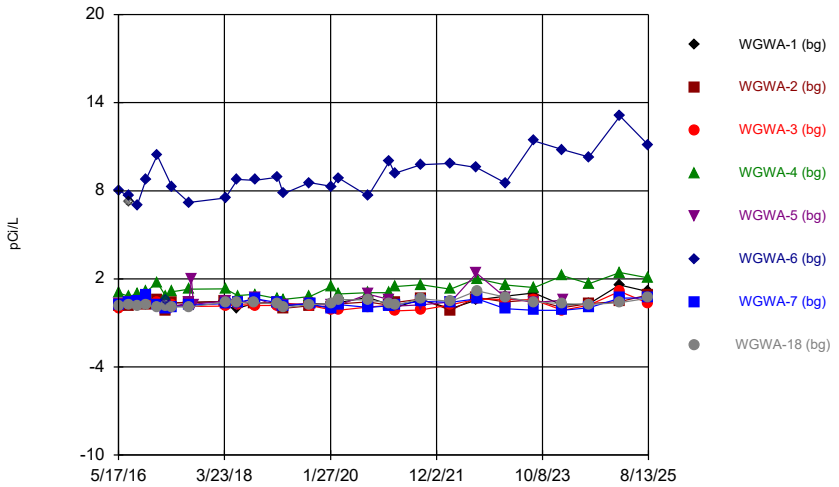
Time Series



Constituent: Cobalt Analysis Run 10/22/2025 3:11 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

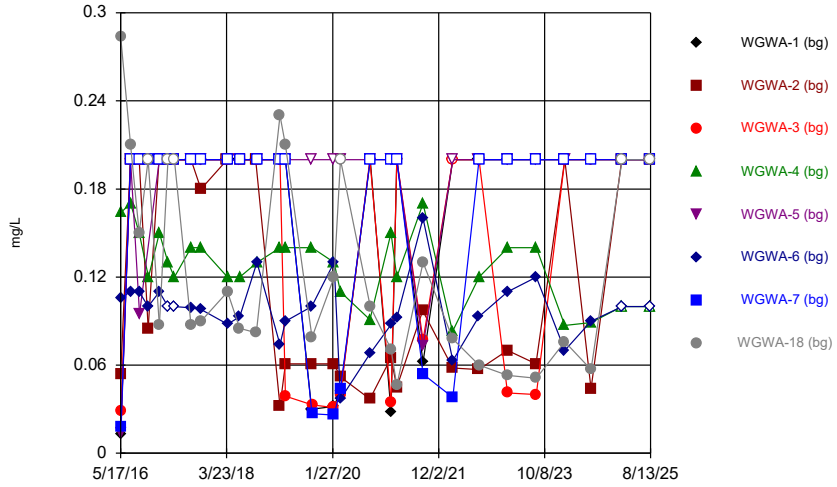
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 10/22/2025 3:11 PM View: Upper Tolerance Limit
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

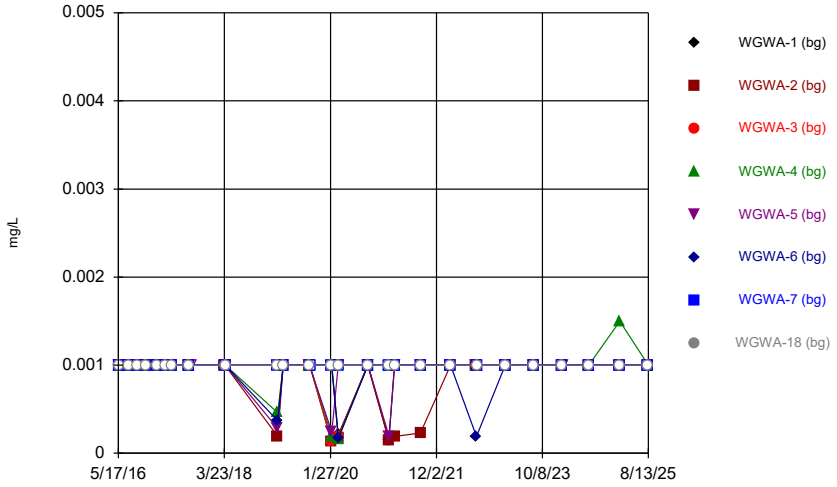
Time Series



Constituent: Fluoride Analysis Run 10/22/2025 3:11 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

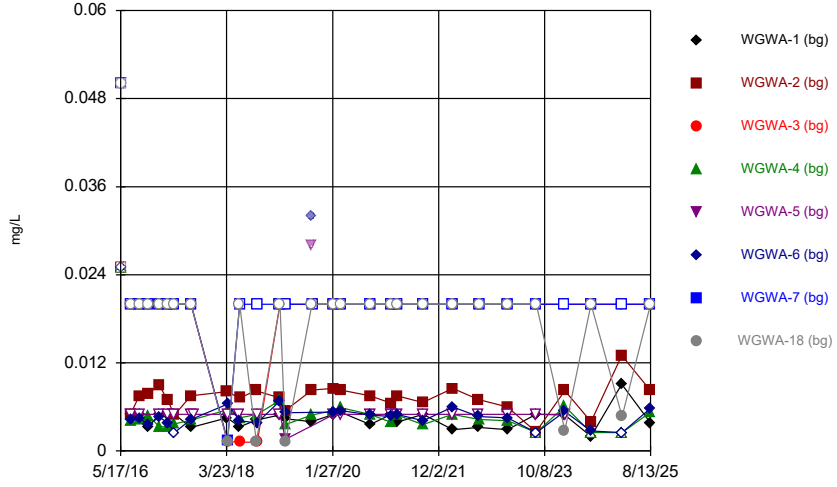
Time Series



Constituent: Lead Analysis Run 10/22/2025 3:11 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

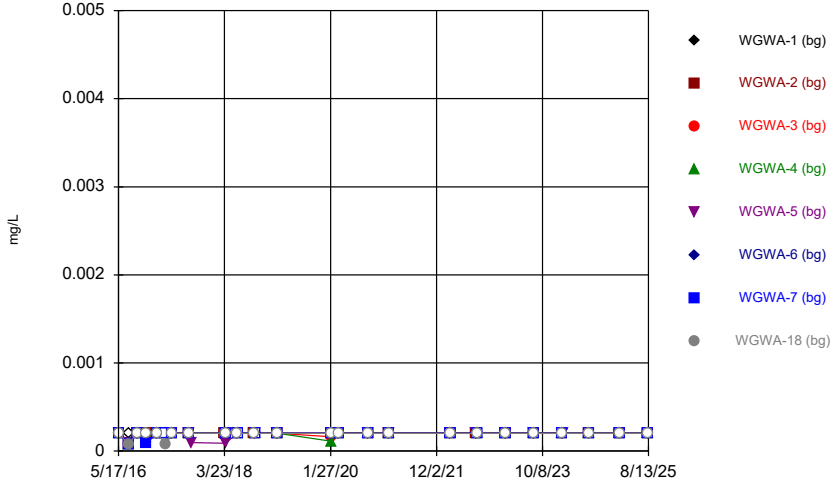
Time Series



Constituent: Lithium Analysis Run 10/22/2025 3:11 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

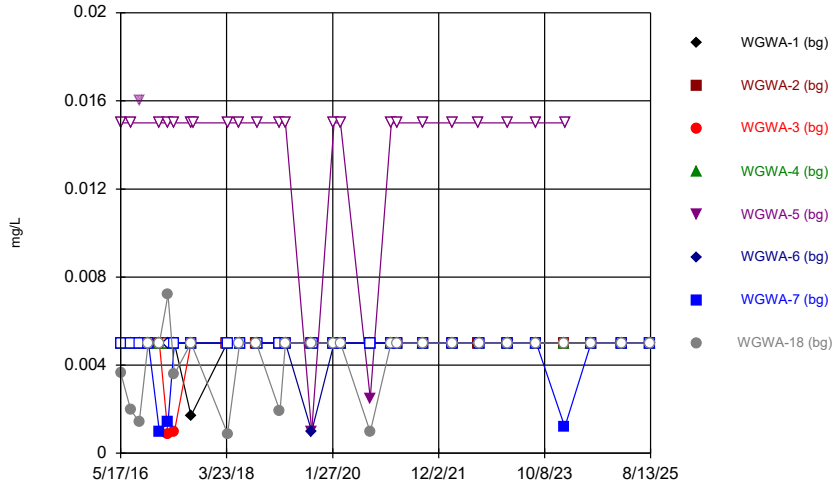
Time Series



Constituent: Mercury Analysis Run 10/22/2025 3:11 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

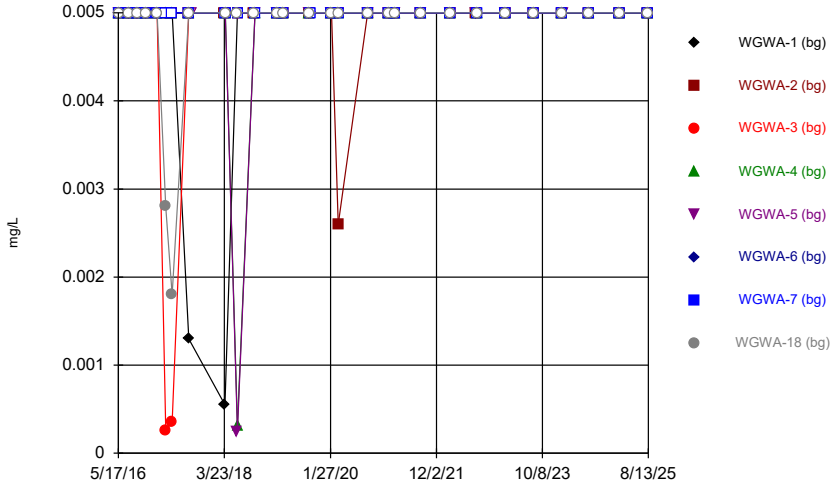
Time Series



Constituent: Molybdenum Analysis Run 10/22/2025 3:11 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

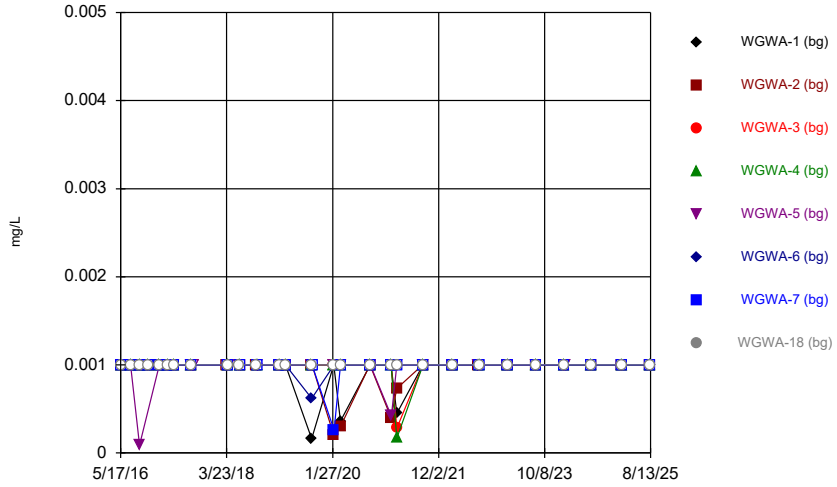
Time Series



Constituent: Selenium Analysis Run 10/22/2025 3:11 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Thallium Analysis Run 10/22/2025 3:11 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



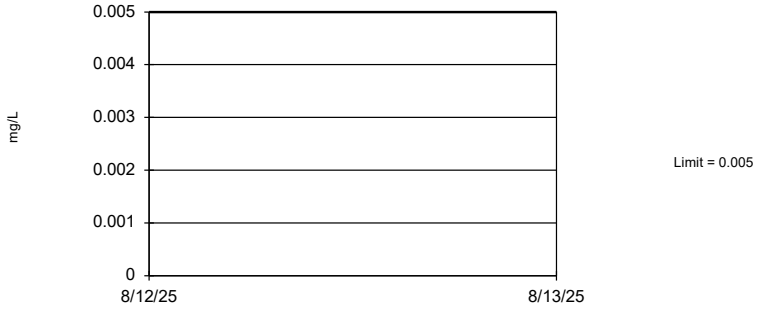
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 173 background values. 98.27% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Antimony Analysis Run 10/22/2025 3:11 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



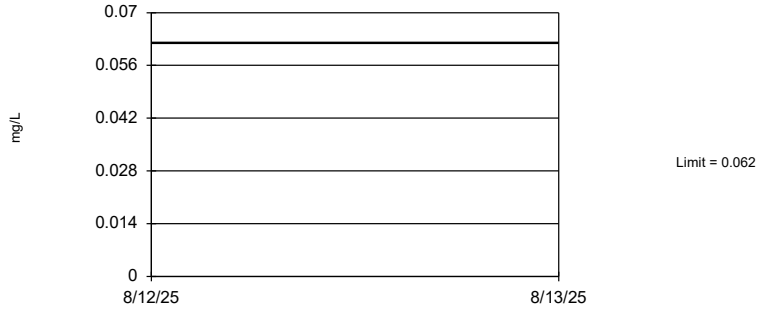
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 221 background values. 83.71% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Arsenic Analysis Run 10/22/2025 3:11 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



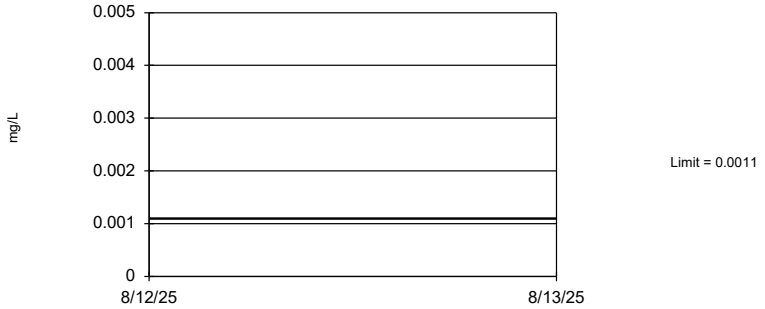
Non-parametric test used in lieu of parametric tolerance limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 221 background values. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Barium Analysis Run 10/22/2025 3:11 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



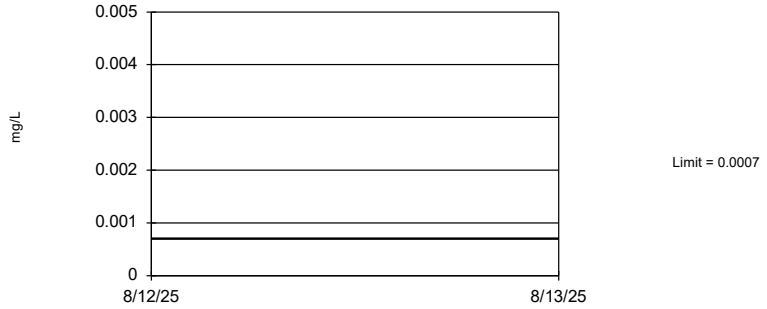
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 221 background values. 95.02% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Beryllium Analysis Run 10/22/2025 3:11 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



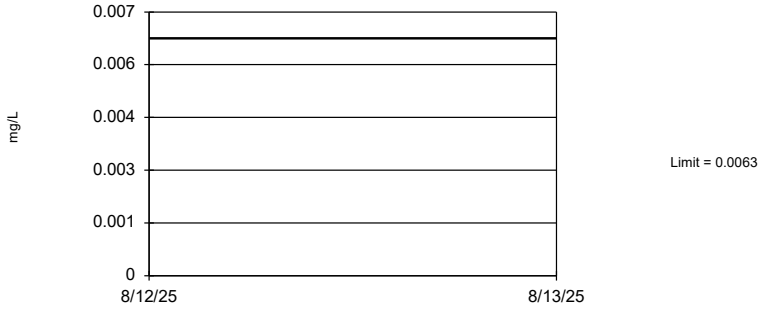
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. All background values were censored; limit is most recent reporting limit. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Cadmium Analysis Run 10/22/2025 3:11 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



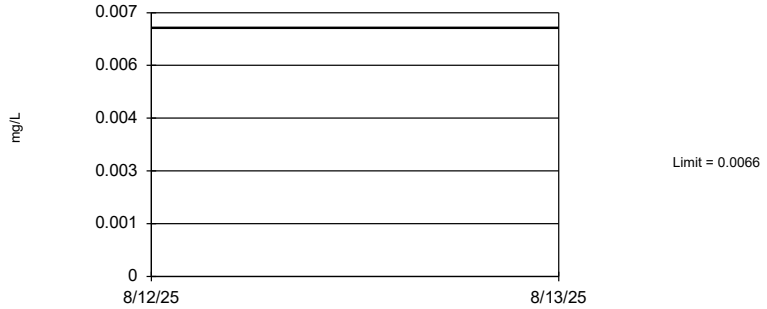
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 220 background values. 94.55% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Chromium Analysis Run 10/22/2025 3:11 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



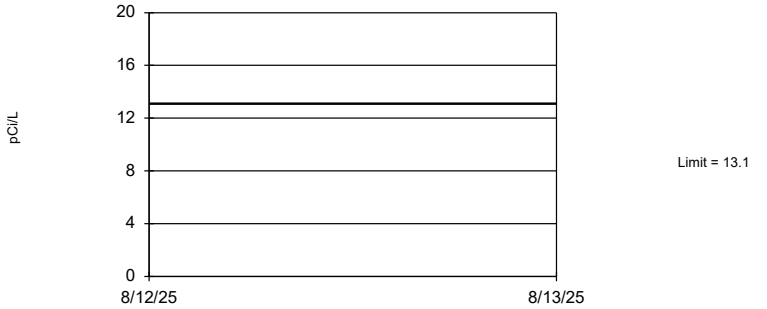
Non-parametric test used in lieu of parametric tolerance limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 219 background values. 47.95% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Cobalt Analysis Run 10/22/2025 3:11 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



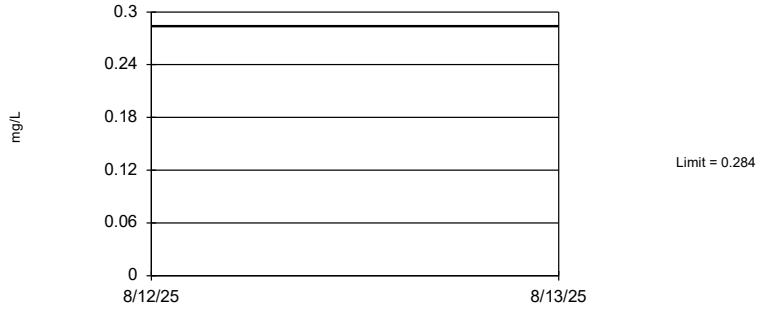
Non-parametric test used in lieu of parametric tolerance limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 219 background values. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Combined Radium 226 + 228 Analysis Run 10/22/2025 3:11 PM View: Upper Tolerance Limit
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 the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 229 background values. 49.34% 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 10/22/2025 3:11 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 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 205 background values. 90.24% 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 10/22/2025 3:11 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



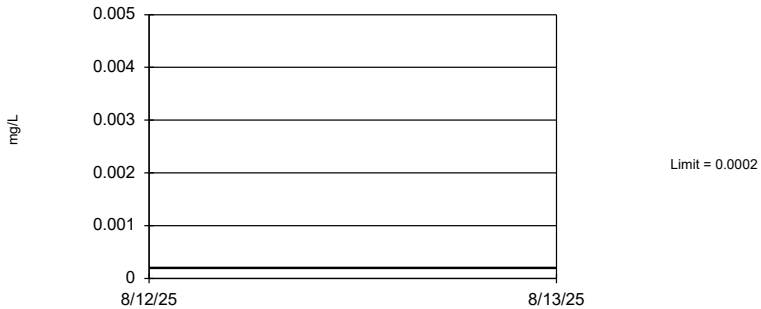
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 211 background values. 51.66% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Lithium Analysis Run 10/22/2025 3:11 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Tolerance Limit

Interwell Non-parametric



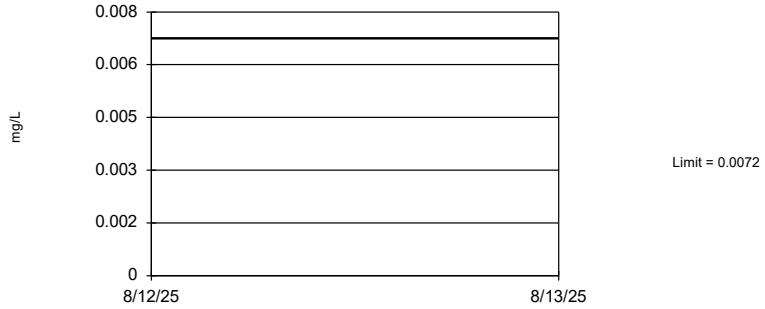
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 189 background values. 92.06% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Mercury Analysis Run 10/22/2025 3:12 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 220 background values. 92.27% 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.

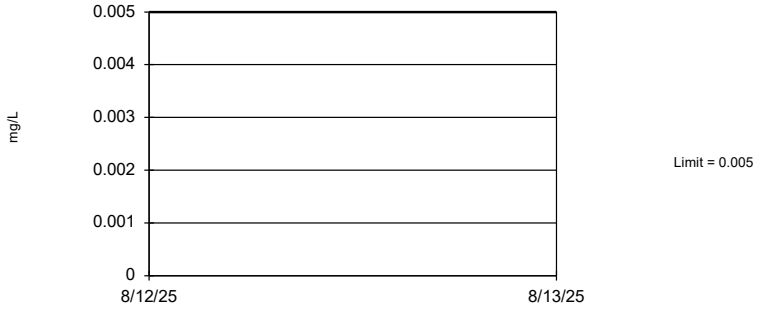
Constituent: Molybdenum Analysis Run 10/22/2025 3:12 PM View: Upper Tolerance Limits

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 221 background values. 95.93% 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 10/22/2025 3:12 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 221 background values. 94.12% 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: Thallium Analysis Run 10/22/2025 3:12 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

FIGURE G.

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 H.

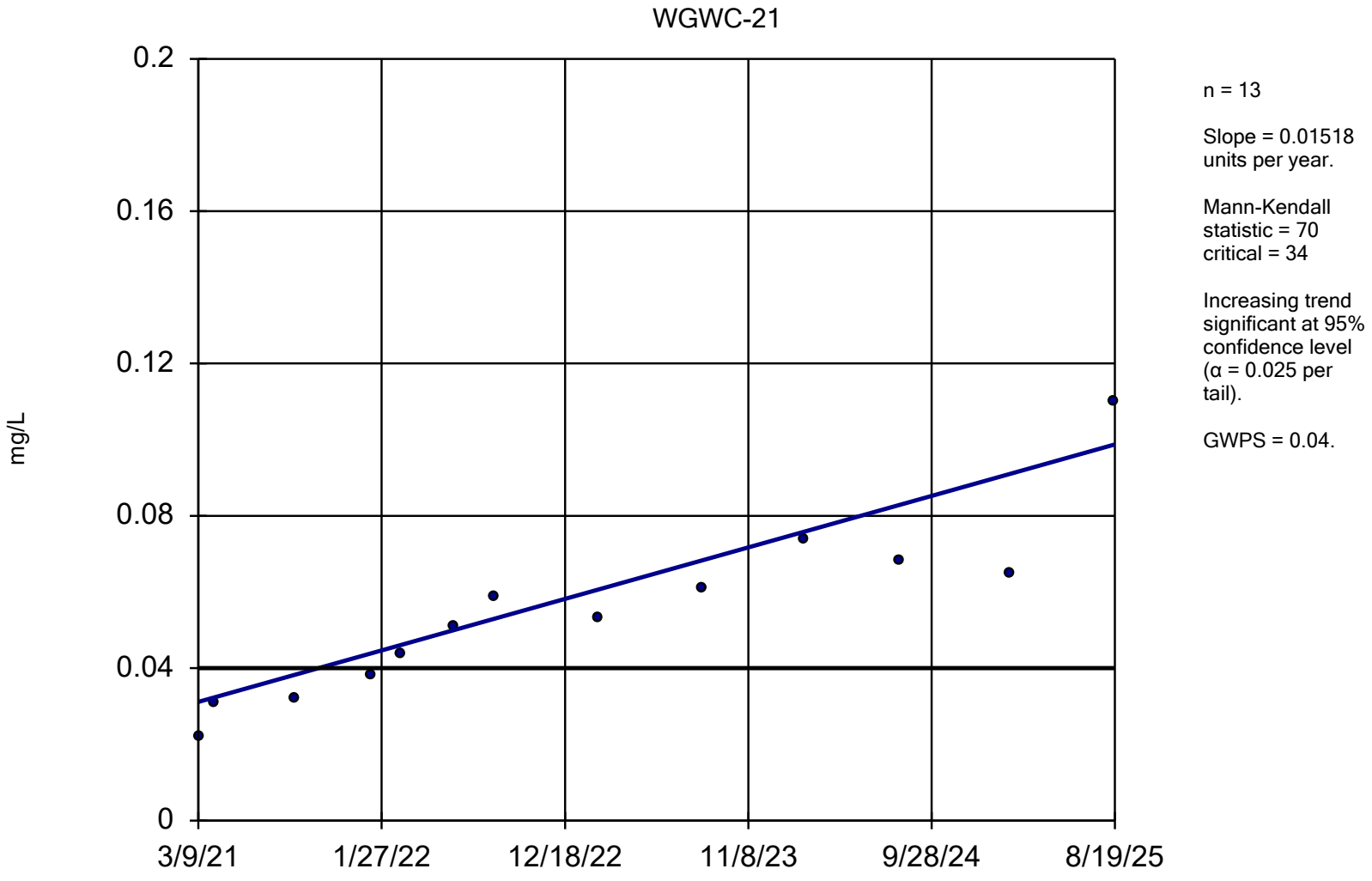
Lithium WGWC-21 Trend Test - All/Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:29 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Lithium (mg/L)	**WGWC-21**	**0.01518**	**70**	**34**	**Yes**	**13**	**0**	**n/a**	**0.05**	**NP**

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Sen's Slope Estimator



Constituent: Lithium Analysis Run 10/22/2025 3:28 PM View: Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

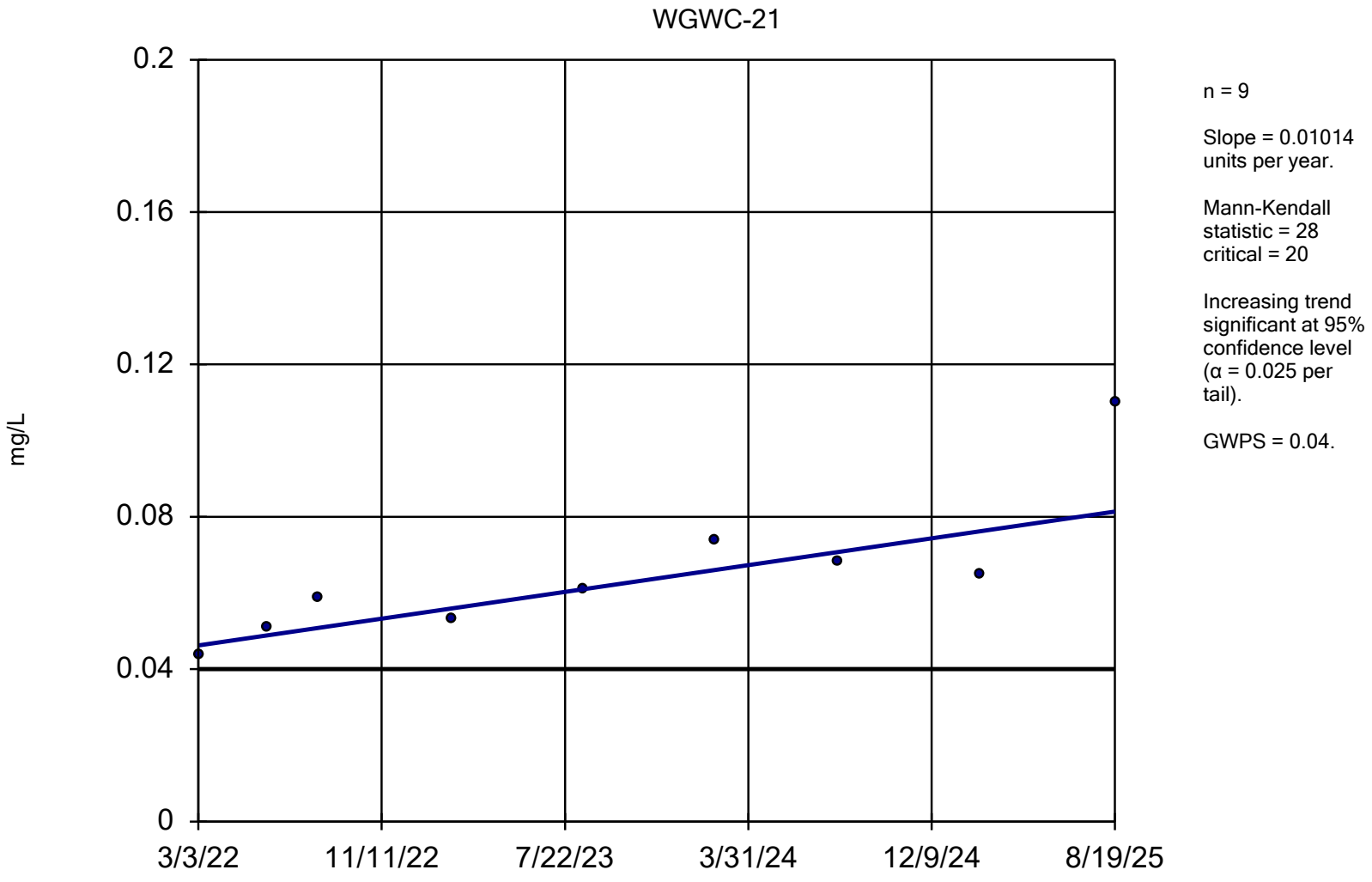
Lithium WGWC-21 Trend Test - Truncated Record - All/Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:28 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Lithium (mg/L)	**WGWC-21**	**0.01014**	**28**	**20**	**Yes**	**9**	**0**	**n/a**	**0.05**	**NP**

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Sen's Slope Estimator



Constituent: Lithium Analysis Run 10/22/2025 3:28 PM View: Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

FIGURE I.

Confidence Intervals - Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:45 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Beryllium (mg/L)	**WGWC-20**	**0.01128**	**0.008886**	**0.004**	**Yes**	**11**	**0.01008**	**0.001434**	**0**	**None**	**No**	**0.01**	**Param.**
Beryllium (mg/L)	**WGWC-24**	**0.01077**	**0.004017**	**0.004**	**Yes**	**11**	**0.007391**	**0.004049**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**WGWC-24**	**0.08994**	**0.02806**	**0.0066**	**Yes**	**11**	**0.059**	**0.03713**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-19**	**0.05775**	**0.05054**	**0.04**	**Yes**	**28**	**0.05414**	**0.007721**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-20**	**0.1555**	**0.1168**	**0.04**	**Yes**	**13**	**0.1362**	**0.02599**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-21**	**0.08221**	**0.0479**	**0.04**	**Yes**	**9**	**0.065**	**0.0192**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-28D**	**0.47**	**0.18**	**0.04**	**Yes**	**6**	**0.2433**	**0.1117**	**0**	**None**	**No**	**0.0155**	**NP (normality)**

Confidence Intervals - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:45 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	WGWC-8	0.0029	0.002	0.006	No	22	0.002902	0.002486	77.27	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-9	0.0063	0.0043	0.006	No	22	0.004345	0.002161	59.09	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-11	0.005	0.00053	0.006	No	22	0.004797	0.000953	95.45	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-12	0.005	0.0023	0.006	No	22	0.004877	0.0005756	95.45	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-19	0.005	0.00058	0.006	No	22	0.004799	0.0009423	95.45	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-20	0.005	0.00066	0.006	No	11	0.003445	0.002163	63.64	None	No	0.006	NP (NDs)
Antimony (mg/L)	WGWC-21	0.002	0.00055	0.006	No	11	0.001731	0.0008028	63.64	None	No	0.006	NP (NDs)
Antimony (mg/L)	WGWC-22	0.005	0.00076	0.006	No	11	0.0031	0.002188	54.55	None	No	0.006	NP (NDs)
Antimony (mg/L)	WGWC-23	0.005	0.0013	0.006	No	11	0.003773	0.001722	63.64	None	No	0.006	NP (NDs)
Antimony (mg/L)	WGWC-27	0.005	0.00047	0.006	No	7	0.003219	0.002246	57.14	None	No	0.008	NP (NDs)
Antimony (mg/L)	WGWC-28D	0.005	0.00057	0.006	No	5	0.004114	0.001981	80	None	No	0.031	NP (NDs)
Antimony (mg/L)	PZ-26D	0.005	0.00038	0.006	No	5	0.004076	0.002066	80	None	No	0.031	NP (NDs)
Arsenic (mg/L)	WGWC-8	0.005	0.0011	0.01	No	28	0.00275	0.002008	42.86	None	No	0.01	NP (normality)
Arsenic (mg/L)	WGWC-9	0.005	0.0017	0.01	No	28	0.00457	0.001277	89.29	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-10	0.005	0.00089	0.01	No	28	0.004194	0.001763	82.14	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-11	0.005	0.00054	0.01	No	28	0.004519	0.001415	89.29	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-12	0.005	0.001	0.01	No	28	0.00437	0.001573	85.71	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-13	0.005	0.00053	0.01	No	28	0.003106	0.002237	57.14	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-14A	0.005	0.0032	0.01	No	28	0.004173	0.001512	75	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-15	0.00174	0.001028	0.01	No	28	0.002352	0.001576	21.43	Kaplan-Meier	sqrt(x)	0.01	Param.
Arsenic (mg/L)	WGWC-16	0.005	0.0015	0.01	No	28	0.003684	0.001814	64.29	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-17	0.005	0.00082	0.01	No	28	0.003457	0.002111	64.29	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-20	0.005	0.00033	0.01	No	11	0.002649	0.002266	45.45	None	No	0.006	NP (normality)
Arsenic (mg/L)	WGWC-21	0.005	0.00036	0.01	No	11	0.002961	0.002347	54.55	None	No	0.006	NP (NDs)
Arsenic (mg/L)	WGWC-22	0.005	0.00046	0.01	No	11	0.003805	0.002056	72.73	None	No	0.006	NP (NDs)
Arsenic (mg/L)	WGWC-24	0.005	0.00054	0.01	No	11	0.003175	0.001953	45.45	None	No	0.006	NP (normality)
Arsenic (mg/L)	WGWC-25	0.005	0.005	0.01	No	11	0.004633	0.001218	90.91	None	No	0.006	NP (NDs)
Arsenic (mg/L)	WGWC-28D	0.002652	0.0007876	0.01	No	5	0.00172	0.0006221	20	Kaplan-Meier	No	0.01	Param.
Barium (mg/L)	WGWC-8	0.0039	0.0014	2	No	28	0.004379	0.003994	32.14	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-9	0.01	0.0014	2	No	28	0.00534	0.004442	46.43	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-10	0.0391	0.033	2	No	28	0.03693	0.006044	0	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-11	0.04268	0.03503	2	No	28	0.03886	0.008182	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-12	0.018	0.016	2	No	28	0.01687	0.003605	0	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-13	0.05235	0.04401	2	No	28	0.04818	0.008928	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-14A	0.038	0.027	2	No	28	0.03561	0.01294	0	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-15	0.02701	0.02232	2	No	28	0.02466	0.005023	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-16	0.05217	0.03931	2	No	28	0.04652	0.01425	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	WGWC-17	0.017	0.011	2	No	28	0.01389	0.003806	0	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-19	0.0077	0.0012	2	No	28	0.004222	0.004018	28.57	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-20	0.01	0.00091	2	No	11	0.008309	0.003763	81.82	None	No	0.006	NP (NDs)
Barium (mg/L)	WGWC-21	0.007237	0.004163	2	No	11	0.0057	0.001844	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-22	0.03549	0.02142	2	No	11	0.02845	0.008442	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-23	0.01097	0.006285	2	No	11	0.008627	0.002811	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-24	0.04752	0.03357	2	No	11	0.04055	0.008371	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-25	0.3621	0.2106	2	No	11	0.2864	0.09091	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-27	0.004875	0.002925	2	No	7	0.0039	0.0008206	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-28D	0.01823	0.008572	2	No	5	0.0134	0.002881	0	None	No	0.01	Param.
Barium (mg/L)	PZ-26D	0.03199	0.01481	2	No	5	0.0234	0.005128	0	None	No	0.01	Param.
Beryllium (mg/L)	WGWC-8	0.00223	0.001759	0.004	No	28	0.001995	0.0005046	0	None	No	0.01	Param.
Beryllium (mg/L)	WGWC-9	0.00056	0.00036	0.004	No	28	0.001063	0.001008	32.14	None	No	0.01	NP (normality)
Beryllium (mg/L)	WGWC-14A	0.001	0.00026	0.004	No	28	0.0007071	0.0003715	60.71	None	No	0.01	NP (NDs)
Beryllium (mg/L)	WGWC-16	0.001	0.00022	0.004	No	28	0.0009721	0.0001474	96.43	None	No	0.01	NP (NDs)
Beryllium (mg/L)	**WGWC-20**	**0.01128**	**0.008886**	**0.004**	**Yes**	**11**	**0.01008**	**0.001434**	**0**	**None**	**No**	**0.01**	**Param.**
Beryllium (mg/L)	WGWC-21	0.0025	0.00021	0.004	No	11	0.001285	0.001165	45.45	None	No	0.006	NP (normality)
Beryllium (mg/L)	WGWC-22	0.0006527	0.0005382	0.004	No	11	0.0005955	0.00006876	0	None	No	0.01	Param.

Confidence Intervals - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:45 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Beryllium (mg/L)	WGWC-23	0.001329	0.0009507	0.004	No	11	0.00114	0.0002271	0	None	No	0.01	Param.
Beryllium (mg/L)	**WGWC-24**	**0.01077**	**0.004017**	**0.004**	**Yes**	**11**	**0.007391**	**0.004049**	**0**	**None**	**No**	**0.01**	**Param.**
Beryllium (mg/L)	WGWC-25	0.001	0.00022	0.004	No	11	0.00066	0.0003915	54.55	None	No	0.006	NP (NDs)
Beryllium (mg/L)	WGWC-27	0.001298	0.0004507	0.004	No	7	0.0008743	0.0003566	0	None	No	0.01	Param.
Beryllium (mg/L)	WGWC-28D	0.002413	0.0007194	0.004	No	5	0.001566	0.0005053	0	None	No	0.01	Param.
Cadmium (mg/L)	WGWC-8	0.0025	0.00065	0.005	No	26	0.002082	0.0008788	80.77	None	No	0.01	NP (NDs)
Cadmium (mg/L)	WGWC-10	0.0007	0.00021	0.005	No	26	0.0006812	0.0000961	96.15	None	No	0.01	NP (NDs)
Cadmium (mg/L)	WGWC-16	0.0007	0.00054	0.005	No	26	0.0005822	0.0001905	46.15	None	No	0.01	NP (normality)
Cadmium (mg/L)	WGWC-20	0.0007	0.00022	0.005	No	11	0.00051	0.0002109	45.45	None	No	0.006	NP (normality)
Cadmium (mg/L)	WGWC-22	0.0007	0.00011	0.005	No	11	0.00046	0.0002811	54.55	None	No	0.006	NP (NDs)
Cadmium (mg/L)	WGWC-24	0.0004442	0.000153	0.005	No	11	0.0002986	0.0001747	9.091	None	No	0.01	Param.
Cadmium (mg/L)	WGWC-25	0.0007	0.00012	0.005	No	11	0.0005927	0.0002387	81.82	None	No	0.006	NP (NDs)
Cadmium (mg/L)	WGWC-27	0.0007	0.00008	0.005	No	7	0.0006114	0.0002343	85.71	None	No	0.008	NP (NDs)
Chromium (mg/L)	WGWC-9	0.005	0.0025	0.1	No	28	0.004804	0.0007244	92.86	None	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-10	0.002578	0.001943	0.1	No	28	0.002261	0.0006795	14.29	None	No	0.01	Param.
Chromium (mg/L)	WGWC-11	0.005	0.0021	0.1	No	28	0.004504	0.001248	85.71	None	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-13	0.005	0.0019	0.1	No	28	0.004539	0.00115	85.71	None	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-14A	0.005	0.0017	0.1	No	28	0.004882	0.0006236	96.43	None	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-15	0.005	0.0015	0.1	No	28	0.004875	0.0006614	96.43	None	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-21	0.005	0.005	0.1	No	11	0.004682	0.001055	90.91	None	No	0.006	NP (NDs)
Chromium (mg/L)	WGWC-23	0.005	0.005	0.1	No	11	0.0047	0.000995	90.91	None	No	0.006	NP (NDs)
Chromium (mg/L)	WGWC-28D	0.005	0.002	0.1	No	5	0.0044	0.001342	80	None	No	0.031	NP (NDs)
Cobalt (mg/L)	WGWC-8	0.005	0.00092	0.0066	No	28	0.003212	0.002076	53.57	None	No	0.01	NP (NDs)
Cobalt (mg/L)	WGWC-9	0.005	0.00073	0.0066	No	28	0.004847	0.000807	96.43	None	No	0.01	NP (NDs)
Cobalt (mg/L)	WGWC-10	0.0023	0.00062	0.0066	No	28	0.001942	0.001755	21.43	None	No	0.01	NP (normality)
Cobalt (mg/L)	WGWC-11	0.0025	0.00069	0.0066	No	28	0.00167	0.0009499	46.43	None	No	0.01	NP (normality)
Cobalt (mg/L)	WGWC-12	0.0008551	0.0004317	0.0066	No	28	0.0008032	0.0006808	7.143	None	ln(x)	0.01	Param.
Cobalt (mg/L)	WGWC-13	0.005	0.0008	0.0066	No	28	0.003847	0.002036	75	None	No	0.01	NP (NDs)
Cobalt (mg/L)	WGWC-14A	0.007476	0.003628	0.0066	No	28	0.006139	0.004536	0	None	sqrt(x)	0.01	Param.
Cobalt (mg/L)	WGWC-15	0.005	0.00015	0.0066	No	28	0.004827	0.0009166	96.43	None	No	0.01	NP (NDs)
Cobalt (mg/L)	WGWC-16	0.0092	0.0035	0.0066	No	28	0.006422	0.005249	35.71	None	No	0.01	NP (normality)
Cobalt (mg/L)	WGWC-17	0.0009772	0.0004796	0.0066	No	28	0.0022	0.001906	28.57	Kaplan-Meier	ln(x)	0.01	Param.
Cobalt (mg/L)	WGWC-19	0.005	0.00025	0.0066	No	28	0.002496	0.002376	46.43	None	No	0.01	NP (normality)
Cobalt (mg/L)	WGWC-20	0.005	0.00046	0.0066	No	11	0.004166	0.001855	81.82	None	No	0.006	NP (NDs)
Cobalt (mg/L)	WGWC-21	0.005	0.00039	0.0066	No	11	0.002959	0.002351	54.55	None	No	0.006	NP (NDs)
Cobalt (mg/L)	WGWC-22	0.005	0.00034	0.0066	No	11	0.003725	0.002185	72.73	None	No	0.006	NP (NDs)
Cobalt (mg/L)	WGWC-23	0.005	0.00017	0.0066	No	11	0.003686	0.00225	72.73	None	No	0.006	NP (NDs)
Cobalt (mg/L)	**WGWC-24**	**0.08994**	**0.02806**	**0.0066**	**Yes**	**11**	**0.059**	**0.03713**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	WGWC-25	0.008002	0.004362	0.0066	No	11	0.006182	0.002184	0	None	No	0.01	Param.
Cobalt (mg/L)	WGWC-27	0.002355	0.00133	0.0066	No	7	0.001843	0.0004315	0	None	No	0.01	Param.
Cobalt (mg/L)	WGWC-28D	0.000994	0.0002036	0.0066	No	5	0.00232	0.002453	40	Kaplan-Meier	x^(1/3)	0.01	Param.
Cobalt (mg/L)	PZ-26D	0.01788	0	0.0066	No	5	0.00834	0.005692	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-8	2.368	1.634	13.1	No	28	2.001	0.7853	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-9	0.48	0.157	13.1	No	28	0.3866	0.463	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	WGWC-10	0.505	0.2152	13.1	No	28	0.3601	0.3101	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-11	0.6132	0.25	13.1	No	28	0.4316	0.3886	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-12	0.6009	0.2624	13.1	No	28	0.4317	0.3622	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-13	0.7436	0.4689	13.1	No	28	0.6062	0.2939	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-14A	0.8007	0.5545	13.1	No	28	0.6969	0.2858	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-15	0.707	0.3633	13.1	No	28	0.5352	0.3678	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-16	1.437	0.7593	13.1	No	28	1.19	0.8178	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-17	0.532	0.2222	13.1	No	28	0.3771	0.3315	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-19	0.523	0.2	13.1	No	28	0.4366	0.3799	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	WGWC-20	1.213	0.7449	13.1	No	11	0.9789	0.2808	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-21	1.925	0.7978	13.1	No	11	1.361	0.6761	0	None	No	0.01	Param.

Confidence Intervals - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:45 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	WGWC-22	6.209	3.902	13.1	No	11	5.055	1.385	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-23	1.567	0.551	13.1	No	11	1.059	0.6099	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-24	1.36	0.7925	13.1	No	11	1.076	0.3402	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-25	1.168	0.6328	13.1	No	11	0.9003	0.321	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-27	6.045	1.239	13.1	No	7	3.642	2.023	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-28D	16.51	4.599	13.1	No	5	10.56	3.555	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-26D	1.521	0.452	13.1	No	5	0.9864	0.3189	0	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-8	0.3177	0.1729	4	No	29	0.265	0.1883	10.34	None	sqrt(x)	0.01	Param.
Fluoride (mg/L)	WGWC-9	1.36	1.038	4	No	29	1.199	0.3523	0	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-10	0.1681	0.1205	4	No	29	0.1443	0.05199	6.897	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-11	0.2	0.047	4	No	29	0.139	0.07627	55.17	None	No	0.01	NP (NDs)
Fluoride (mg/L)	WGWC-12	0.1005	0.07164	4	No	29	0.1117	0.05248	17.24	Kaplan-Meier	sqrt(x)	0.01	Param.
Fluoride (mg/L)	WGWC-13	0.2627	0.1941	4	No	29	0.2284	0.07484	6.897	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-14A	0.2	0.057	4	No	29	0.1514	0.074	65.52	None	No	0.01	NP (NDs)
Fluoride (mg/L)	WGWC-15	0.8416	0.757	4	No	29	0.7993	0.09232	0	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-16	0.1324	0.07335	4	No	29	0.1584	0.1581	17.24	Kaplan-Meier	ln(x)	0.01	Param.
Fluoride (mg/L)	WGWC-17	0.1274	0.08402	4	No	29	0.1057	0.04729	10.34	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-19	0.3748	0.32	4	No	29	0.341	0.07329	0	None	x^2	0.01	Param.
Fluoride (mg/L)	WGWC-20	2.077	1.078	4	No	13	1.723	0.7143	15.38	Kaplan-Meier	x^2	0.01	Param.
Fluoride (mg/L)	WGWC-21	1.875	1.183	4	No	13	1.615	0.6453	15.38	Kaplan-Meier	x^3	0.01	Param.
Fluoride (mg/L)	WGWC-22	0.5894	0.2463	4	No	13	0.4738	0.3617	15.38	Kaplan-Meier	ln(x)	0.01	Param.
Fluoride (mg/L)	WGWC-23	0.18	0.043	4	No	13	0.08808	0.06342	15.38	None	No	0.01	NP (normality)
Fluoride (mg/L)	WGWC-24	0.7773	0.1962	4	No	13	0.5669	0.3939	15.38	Kaplan-Meier	No	0.01	Param.
Fluoride (mg/L)	WGWC-25	0.2	0.038	4	No	13	0.1377	0.08224	61.54	Kaplan-Meier	No	0.01	NP (NDs)
Fluoride (mg/L)	WGWC-27	1.225	0.324	4	No	7	0.7743	0.3791	14.29	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-28D	1.926	0	4	No	6	0.9333	0.843	50	Kaplan-Meier	x^2	0.01	Param.
Fluoride (mg/L)	WAMW-1	0.7964	0.04862	4	No	4	0.4225	0.1902	25	Kaplan-Meier	No	0.01	Param.
Fluoride (mg/L)	WAMW-2	0.6871	0	4	No	4	0.3275	0.1584	0	None	No	0.01	Param.
Fluoride (mg/L)	PZ-26D	0.3227	0.1116	4	No	7	0.2171	0.08883	14.29	None	No	0.01	Param.
Lead (mg/L)	WGWC-8	0.001	0.00029	0.015	No	26	0.0007377	0.000376	65.38	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-9	0.001	0.00014	0.015	No	26	0.0009669	0.0001687	96.15	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-10	0.001	0.00026	0.015	No	26	0.0006985	0.0003727	57.69	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-11	0.001	0.00058	0.015	No	26	0.0009062	0.0002299	84.62	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-12	0.001	0.00033	0.015	No	26	0.0009742	0.0001314	96.15	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-13	0.001	0.00038	0.015	No	26	0.0006685	0.0003248	38.46	None	No	0.01	NP (normality)
Lead (mg/L)	WGWC-14A	0.001	0.00031	0.015	No	26	0.0007262	0.0003621	61.54	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-15	0.001	0.0003	0.015	No	26	0.0009731	0.0001373	96.15	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-16	0.001	0.00014	0.015	No	26	0.0009335	0.0002351	92.31	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-17	0.001	0.00033	0.015	No	26	0.0009435	0.0002006	92.31	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-19	0.001	0.0003	0.015	No	26	0.0009731	0.0001373	96.15	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-22	0.001	0.00023	0.015	No	11	0.0006736	0.000378	54.55	None	No	0.006	NP (NDs)
Lead (mg/L)	WGWC-23	0.002	0.001	0.015	No	11	0.001418	0.001097	81.82	None	No	0.006	NP (NDs)
Lead (mg/L)	WGWC-24	0.0007839	0.0003143	0.015	No	11	0.0005491	0.0002818	9.091	None	No	0.01	Param.
Lead (mg/L)	WGWC-25	0.001	0.001	0.015	No	11	0.0009682	0.0001055	90.91	None	No	0.006	NP (NDs)
Lead (mg/L)	WGWC-28D	0.001	0.00022	0.015	No	5	0.000844	0.0003488	80	None	No	0.031	NP (NDs)
Lead (mg/L)	PZ-26D	0.001	0.001	0.015	No	5	0.001	2.1e-11	80	None	No	0.031	NP (NDs)
Lithium (mg/L)	WGWC-8	0.016	0.013	0.04	No	28	0.01593	0.008833	0	None	No	0.01	NP (normality)
Lithium (mg/L)	WGWC-9	0.03619	0.03163	0.04	No	28	0.03391	0.004884	0	None	No	0.01	Param.
Lithium (mg/L)	WGWC-10	0.01138	0.005876	0.04	No	28	0.009396	0.006894	3.571	None	sqrt(x)	0.01	Param.
Lithium (mg/L)	WGWC-11	0.02	0.0025	0.04	No	28	0.0167	0.007202	82.14	None	No	0.01	NP (NDs)
Lithium (mg/L)	WGWC-12	0.0075	0.0061	0.04	No	28	0.007171	0.003929	3.571	None	No	0.01	NP (normality)
Lithium (mg/L)	WGWC-13	0.02	0.0038	0.04	No	28	0.01503	0.008014	71.43	None	No	0.01	NP (NDs)
Lithium (mg/L)	WGWC-14A	0.02	0.0035	0.04	No	28	0.01436	0.008358	67.86	None	No	0.01	NP (NDs)
Lithium (mg/L)	WGWC-15	0.007287	0.005513	0.04	No	28	0.0064	0.001898	7.143	None	No	0.01	Param.
Lithium (mg/L)	WGWC-16	0.00867	0.005201	0.04	No	28	0.006936	0.003712	10.71	None	No	0.01	Param.

Confidence Intervals - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:45 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lithium (mg/L)	WGWC-17	0.0056	0.0042	0.04	No	28	0.005496	0.003993	3.571	None	No	0.01	NP (normality)
Lithium (mg/L)	**WGWC-19**	**0.05775**	**0.05054**	**0.04**	**Yes**	**28**	**0.05414**	**0.007721**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-20**	**0.1555**	**0.1168**	**0.04**	**Yes**	**13**	**0.1362**	**0.02599**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-21**	**0.08221**	**0.0479**	**0.04**	**Yes**	**9**	**0.065**	**0.0192**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Lithium (mg/L)	WGWC-22	0.01063	0.007659	0.04	No	13	0.008969	0.002403	0	None	x^2	0.01	Param.
Lithium (mg/L)	WGWC-23	0.02	0.0017	0.04	No	13	0.01337	0.008768	61.54	None	No	0.01	NP (NDs)
Lithium (mg/L)	WGWC-24	0.007391	0.004132	0.04	No	13	0.005762	0.002192	0	None	No	0.01	Param.
Lithium (mg/L)	WGWC-25	0.004617	0.003431	0.04	No	13	0.0043	0.0008266	15.38	Kaplan-Meier	No	0.01	Param.
Lithium (mg/L)	WGWC-27	0.03942	0.01521	0.04	No	7	0.02731	0.01019	0	None	No	0.01	Param.
Lithium (mg/L)	**WGWC-28D**	**0.47**	**0.18**	**0.04**	**Yes**	**6**	**0.2433**	**0.1117**	**0**	**None**	**No**	**0.0155**	**NP (normality)**
Lithium (mg/L)	WAMW-1	0.06024	0	0.04	No	4	0.02725	0.01678	25	Kaplan-Meier	No	0.01	Param.
Lithium (mg/L)	WAMW-2	0.04239	0.01061	0.04	No	4	0.0265	0.007	0	None	No	0.01	Param.
Lithium (mg/L)	PZ-26D	0.03849	0.02231	0.04	No	5	0.0304	0.004827	0	None	No	0.01	Param.
Mercury (mg/L)	WGWC-8	0.0002	0.00013	0.002	No	24	0.0001882	0.00003268	87.5	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-9	0.0002	0.00013	0.002	No	24	0.0001971	0.00001429	95.83	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-10	0.0002	0.00013	0.002	No	24	0.0001825	0.00004085	83.33	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-11	0.0002	0.00011	0.002	No	24	0.0001913	0.00002965	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-12	0.0002	0.00018	0.002	No	24	0.0001866	0.00003423	83.33	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-13	0.0002	0.000083	0.002	No	24	0.0001902	0.00003332	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-14A	0.0002	0.00013	0.002	No	24	0.0001971	0.00001429	95.83	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-15	0.0002	0.000093	0.002	No	24	0.0001806	0.00004438	83.33	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-16	0.0002	0.00019	0.002	No	24	0.0001908	0.00003049	87.5	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-17	0.0002	0.000074	0.002	No	24	0.0001947	0.00002572	95.83	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-19	0.0002	0.00012	0.002	No	24	0.0001915	0.00002952	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-20	0.0002	0.0002	0.002	No	11	0.0002118	0.0000392	90.91	None	No	0.006	NP (NDs)
Mercury (mg/L)	WGWC-21	0.0002	0.0002	0.002	No	11	0.0002	1.5e-12	90.91	None	No	0.006	NP (NDs)
Mercury (mg/L)	WGWC-22	0.0002	0.0002	0.002	No	11	0.0001982	0.00000603	90.91	None	No	0.006	NP (NDs)
Mercury (mg/L)	WGWC-23	0.0002	0.0002	0.002	No	11	0.0002018	0.00000603	90.91	None	No	0.006	NP (NDs)
Mercury (mg/L)	WGWC-24	0.0002	0.0002	0.002	No	11	0.0002055	0.00001809	90.91	None	No	0.006	NP (NDs)
Mercury (mg/L)	WGWC-25	0.0002	0.0002	0.002	No	11	0.0003545	0.0005126	90.91	None	No	0.006	NP (NDs)
Molybdenum (mg/L)	WGWC-9	0.0048	0.0028	0.1	No	28	0.004576	0.003077	0	None	No	0.01	NP (normality)
Molybdenum (mg/L)	WGWC-10	0.005	0.00093	0.1	No	28	0.004709	0.00107	92.86	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-11	0.005	0.0017	0.1	No	28	0.004743	0.0009477	92.86	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-12	0.015	0.0046	0.1	No	28	0.01158	0.006075	75	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-13	0.0025	0.0012	0.1	No	28	0.002412	0.001984	10.71	None	No	0.01	NP (normality)
Molybdenum (mg/L)	WGWC-14A	0.005	0.001	0.1	No	28	0.004857	0.0007559	96.43	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-15	0.00484	0.002913	0.1	No	28	0.004432	0.003136	0	None	ln(x)	0.01	Param.
Molybdenum (mg/L)	WGWC-17	0.0044	0.0023	0.1	No	28	0.003658	0.002283	0	None	No	0.01	NP (normality)
Molybdenum (mg/L)	WGWC-19	0.0022	0.0012	0.1	No	28	0.004746	0.006032	25	None	No	0.01	NP (normality)
Molybdenum (mg/L)	WGWC-20	0.015	0.00079	0.1	No	11	0.009833	0.00717	63.64	None	No	0.006	NP (NDs)
Molybdenum (mg/L)	WGWC-21	0.03839	0.02761	0.1	No	11	0.033	0.006465	0	None	No	0.01	Param.
Molybdenum (mg/L)	WGWC-22	0.005	0.005	0.1	No	11	0.004913	0.001657	81.82	None	No	0.006	NP (NDs)
Molybdenum (mg/L)	WGWC-28D	0.018	0.0082	0.1	No	5	0.01066	0.004125	0	None	No	0.031	NP (normality)
Molybdenum (mg/L)	PZ-26D	0.002895	0.002345	0.1	No	5	0.00262	0.0001643	0	None	No	0.01	Param.
Selenium (mg/L)	WGWC-8	0.0039	0.0033	0.05	No	28	0.00406	0.001353	0	None	No	0.01	NP (normality)
Selenium (mg/L)	WGWC-9	0.00287	0.002343	0.05	No	28	0.002606	0.0005634	0	None	No	0.01	Param.
Selenium (mg/L)	WGWC-10	0.005	0.00031	0.05	No	28	0.004832	0.0008863	96.43	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-11	0.005	0.00049	0.05	No	28	0.004839	0.0008523	96.43	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-12	0.005	0.0021	0.05	No	28	0.004896	0.000548	96.43	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-14A	0.005	0.0003	0.05	No	28	0.004832	0.0008882	96.43	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-15	0.005	0.0005	0.05	No	28	0.004839	0.0008504	96.43	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-16	0.0091	0.0023	0.05	No	28	0.006416	0.004773	14.29	None	No	0.01	NP (normality)
Selenium (mg/L)	WGWC-19	0.005	0.00036	0.05	No	28	0.004834	0.0008769	96.43	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-20	0.003216	0.001602	0.05	No	11	0.002409	0.0009679	9.091	None	No	0.01	Param.
Selenium (mg/L)	WGWC-22	0.006127	0.003237	0.05	No	11	0.004682	0.001734	0	None	No	0.01	Param.

Confidence Intervals - All Results

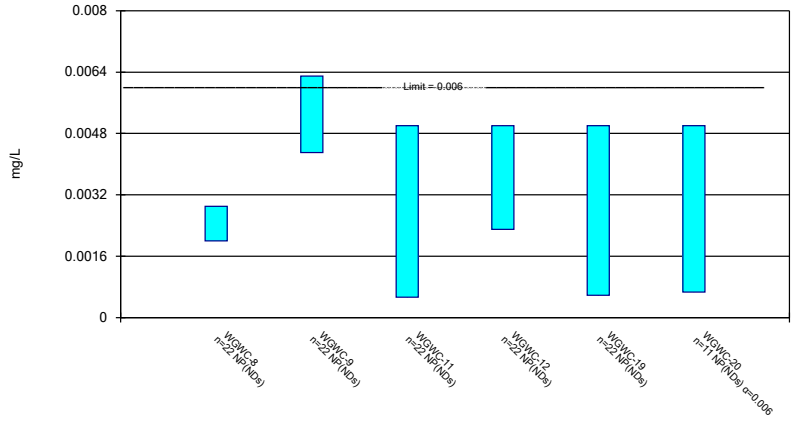
Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:45 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Selenium (mg/L)	WGWC-23	0.00279	0.001901	0.05	No	11	0.002345	0.0005336	9.091	None	No	0.01	Param.
Selenium (mg/L)	WGWC-24	0.005	0.005	0.05	No	11	0.004615	0.001275	90.91	None	No	0.006	NP (NDs)
Selenium (mg/L)	WGWC-28D	0.0066	0.005	0.05	No	5	0.00532	0.0007155	80	None	No	0.031	NP (NDs)
Thallium (mg/L)	WGWC-10	0.001	0.000085	0.002	No	28	0.0009673	0.0001729	96.43	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-11	0.001	0.00049	0.002	No	28	0.0009518	0.0001826	92.86	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-14A	0.001	0.00019	0.002	No	28	0.0006704	0.000418	60.71	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-16	0.001	0.00019	0.002	No	28	0.000645	0.0004185	57.14	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-19	0.001	0.00018	0.002	No	28	0.0009707	0.000155	96.43	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-22	0.001	0.001	0.002	No	11	0.0009518	0.0001598	90.91	None	No	0.006	NP (NDs)
Thallium (mg/L)	WGWC-24	0.000577	0.0003139	0.002	No	11	0.0004455	0.0001579	9.091	None	No	0.01	Param.

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Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.

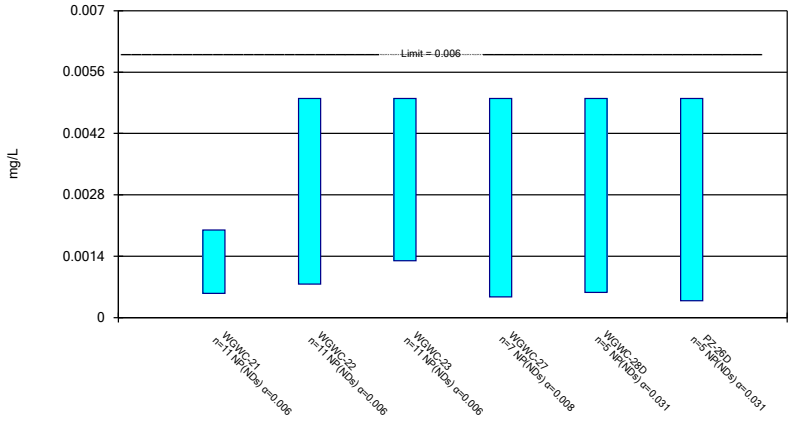


Constituent: Antimony Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

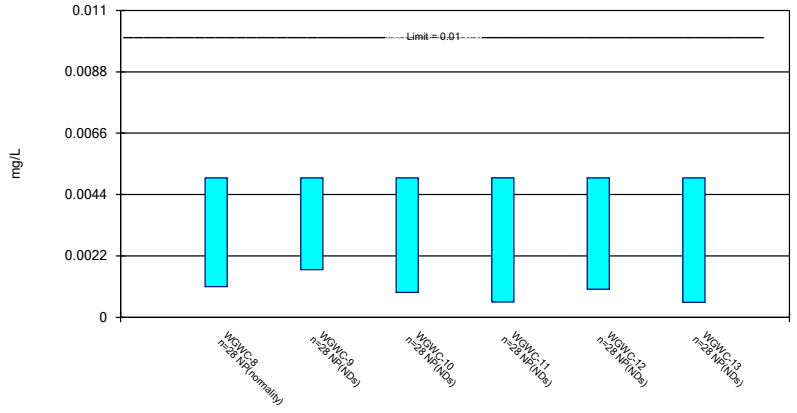


Constituent: Antimony Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

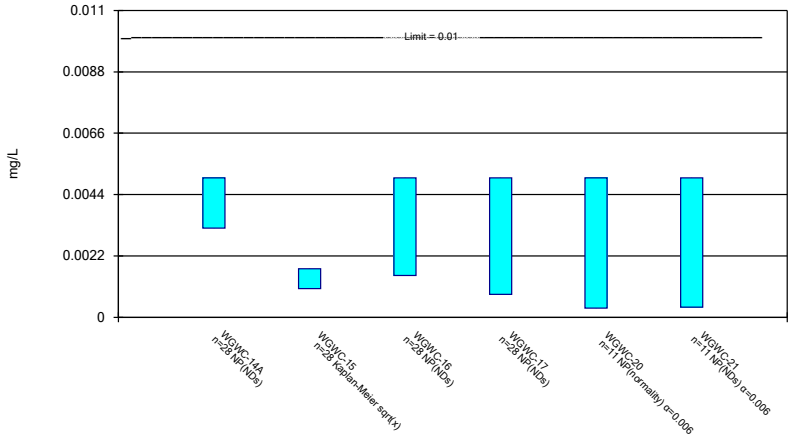


Constituent: Arsenic Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

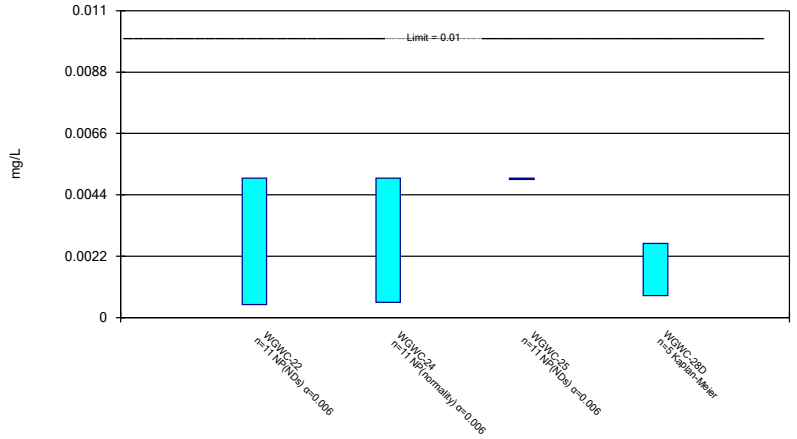


Constituent: Arsenic Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

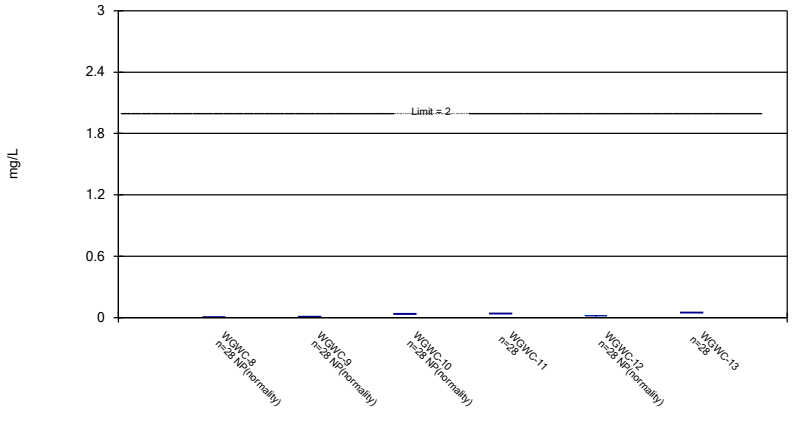


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Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

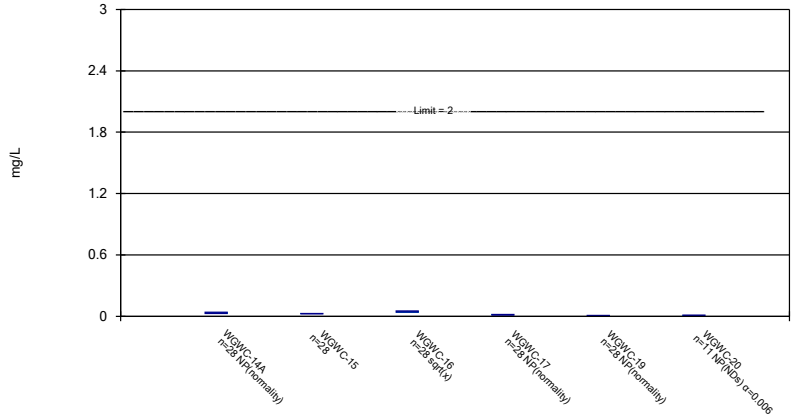


Constituent: Barium Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

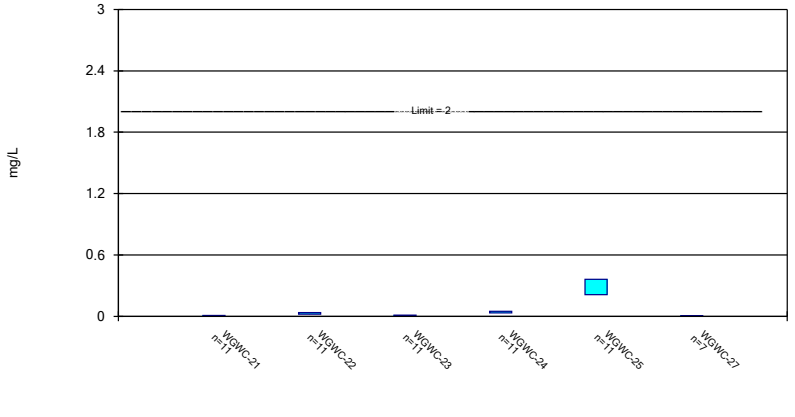


Constituent: Barium Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

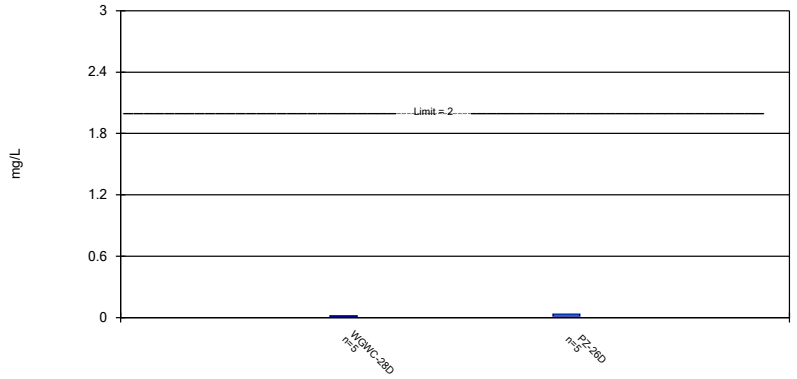


Constituent: Barium Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

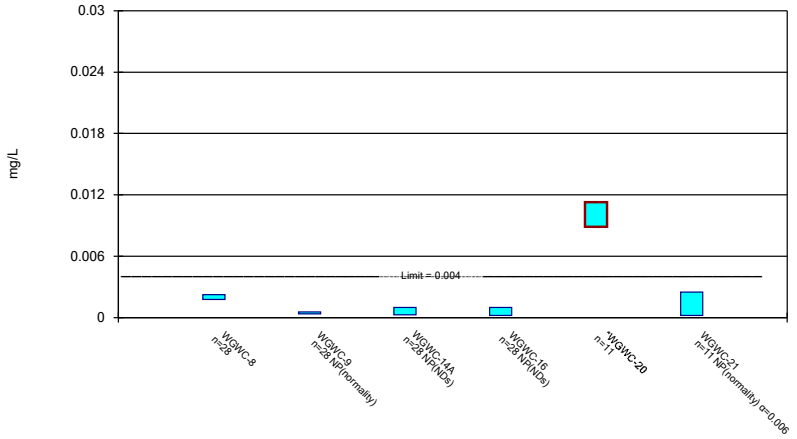


Constituent: Barium Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

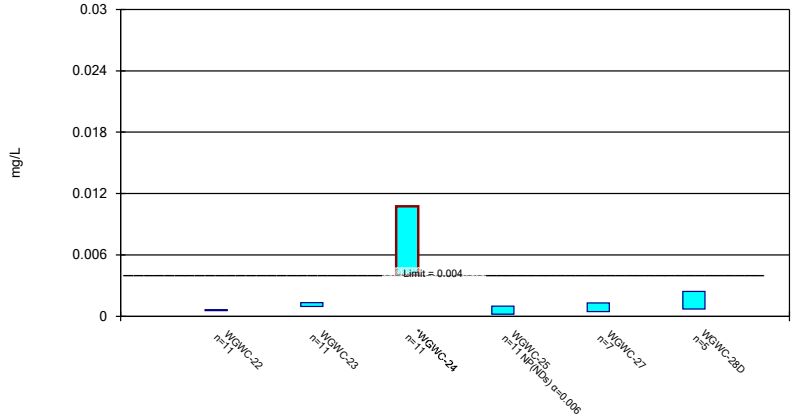


Constituent: Beryllium Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

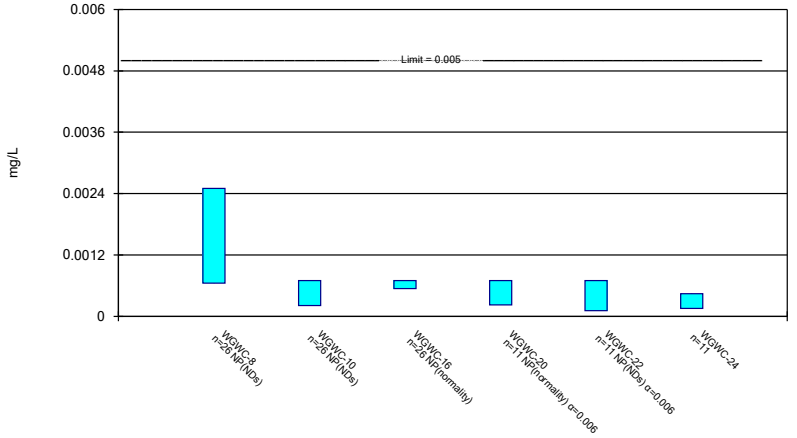


Constituent: Beryllium Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

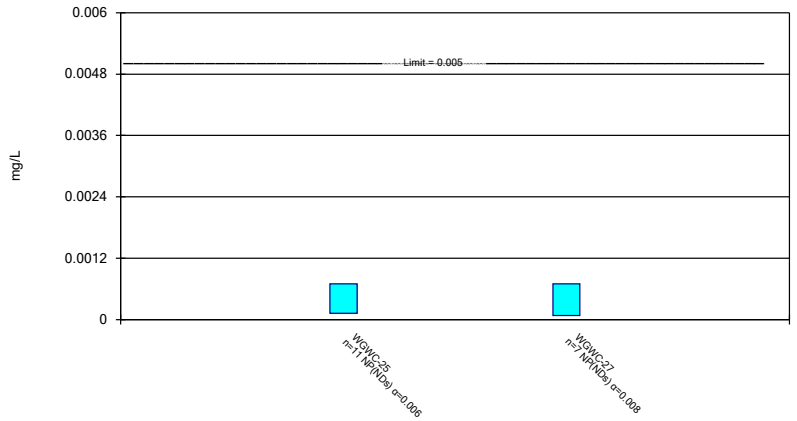


Constituent: Cadmium Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

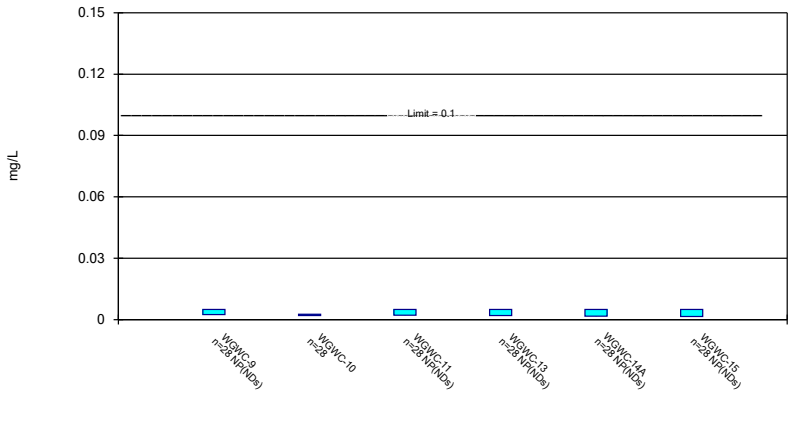


Constituent: Cadmium Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

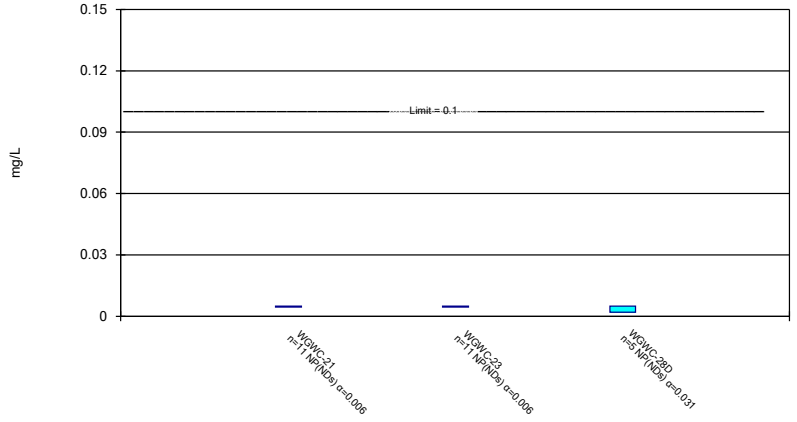


Constituent: Chromium Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

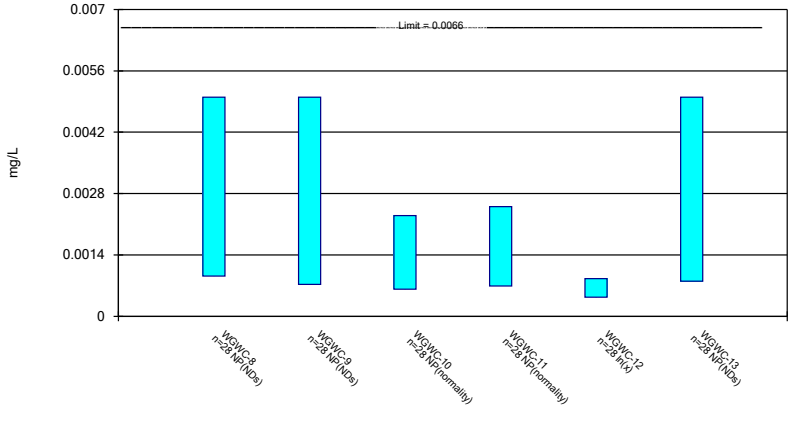


Constituent: Chromium Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

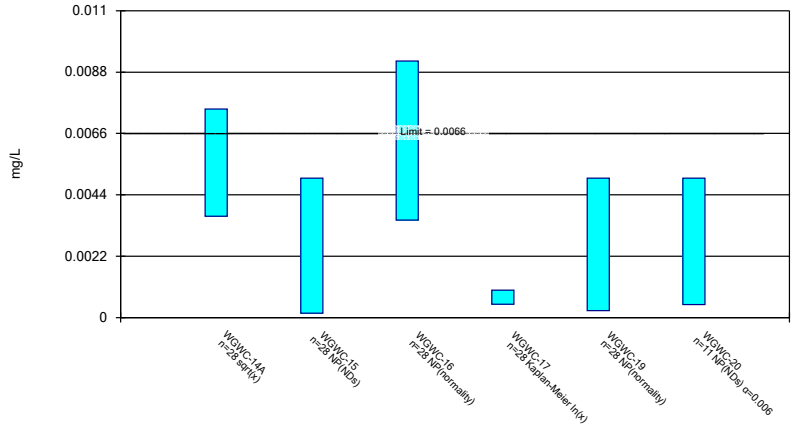


Constituent: Cobalt Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

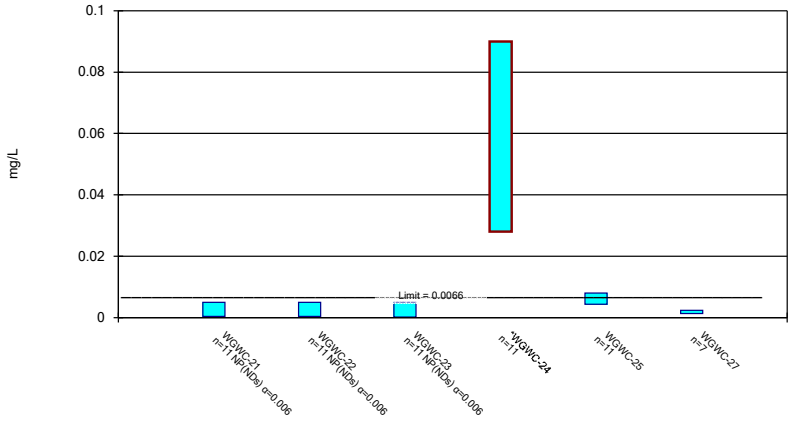


Constituent: Cobalt Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

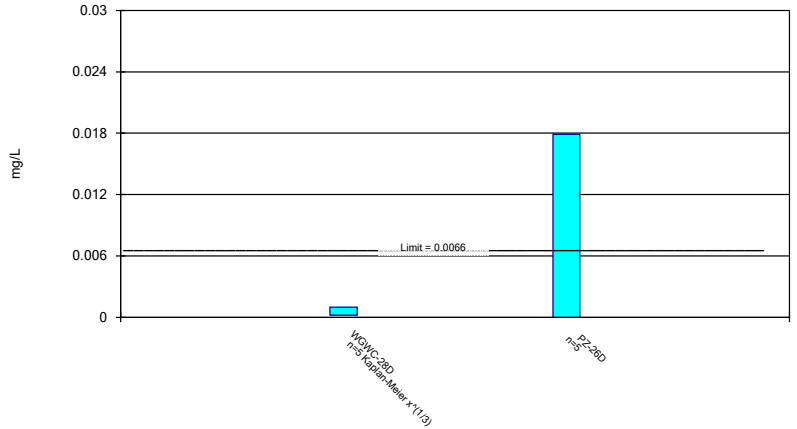


Constituent: Cobalt Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

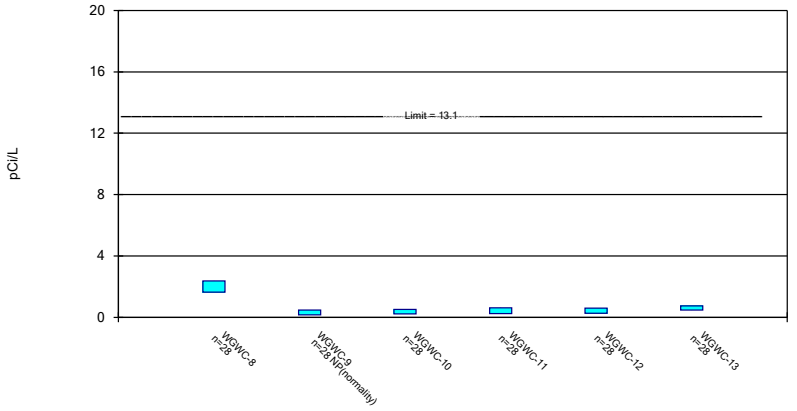


Constituent: Cobalt Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

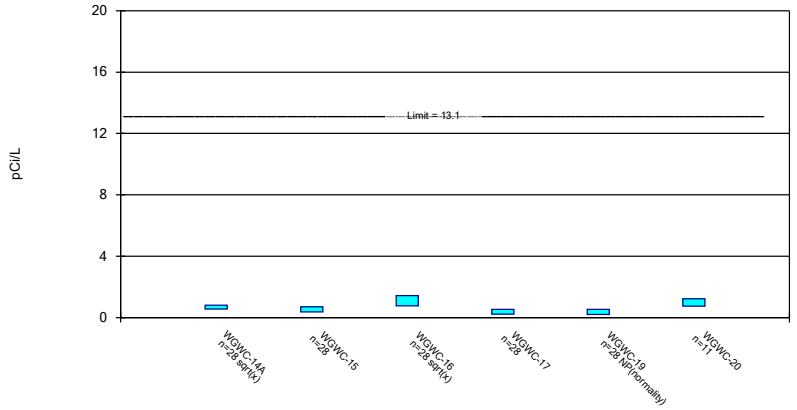


Constituent: Combined Radium 226 + 228 Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

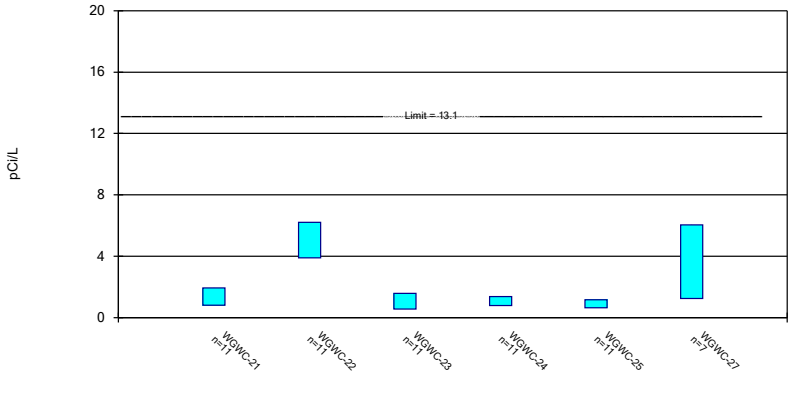


Constituent: Combined Radium 226 + 228 Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 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.

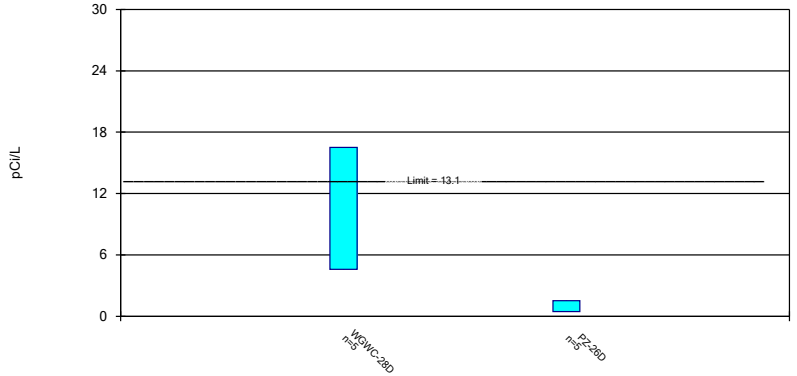


Constituent: Combined Radium 226 + 228 Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 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.

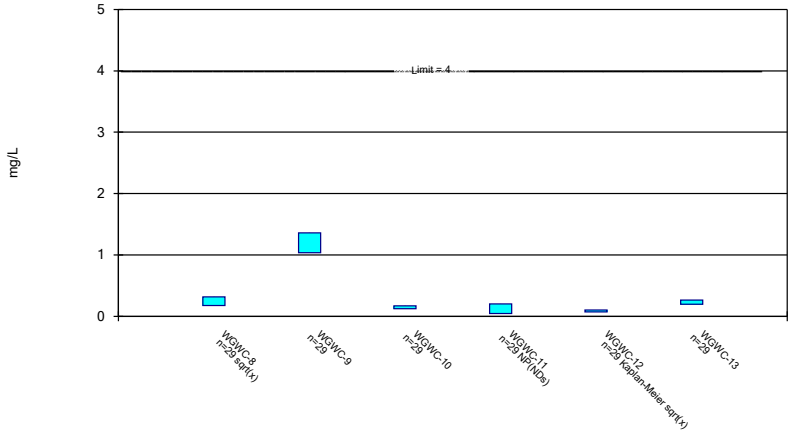


Constituent: Combined Radium 226 + 228 Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 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.

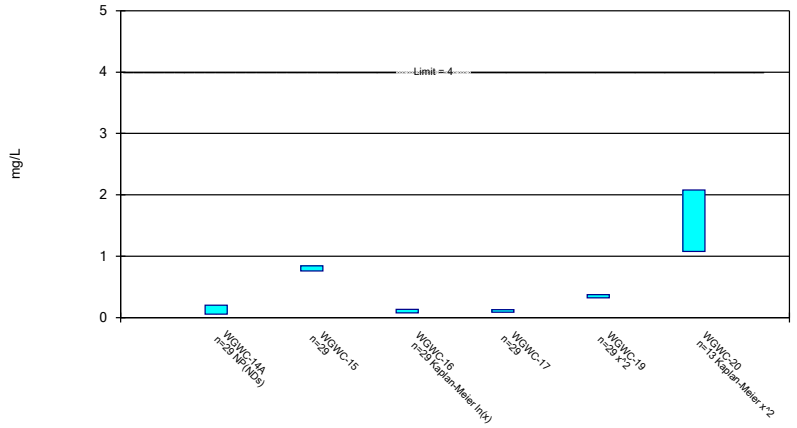


Constituent: Fluoride Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 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.

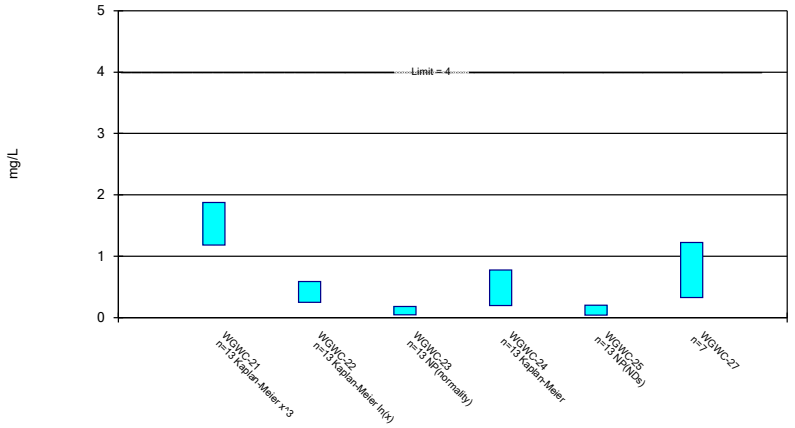


Constituent: Fluoride Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

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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.

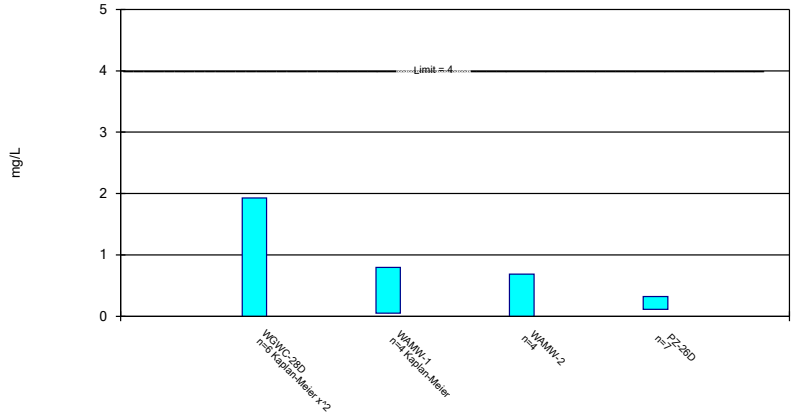


Constituent: Fluoride Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 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.

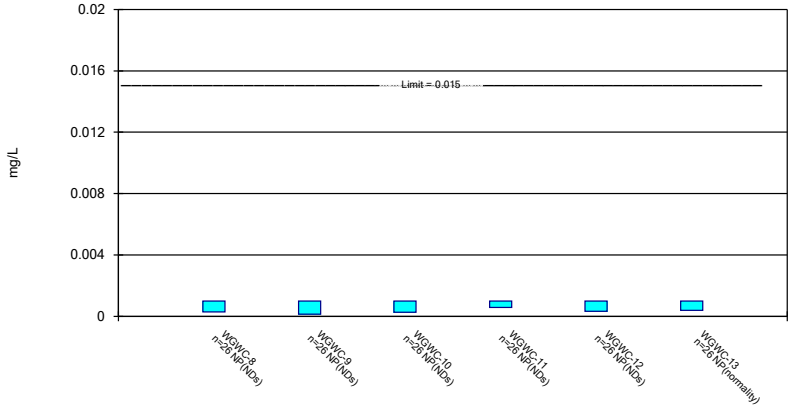


Constituent: Fluoride Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

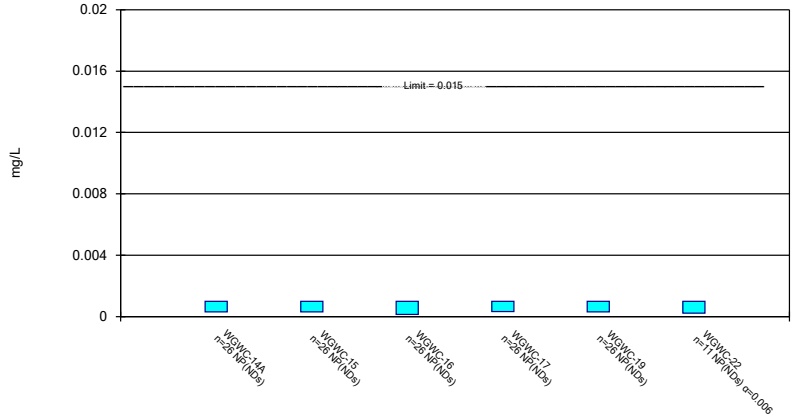


Constituent: Lead Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.

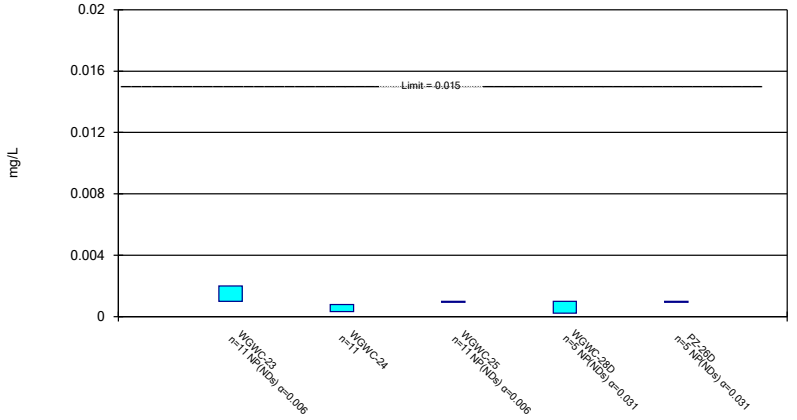


Constituent: Lead Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 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.

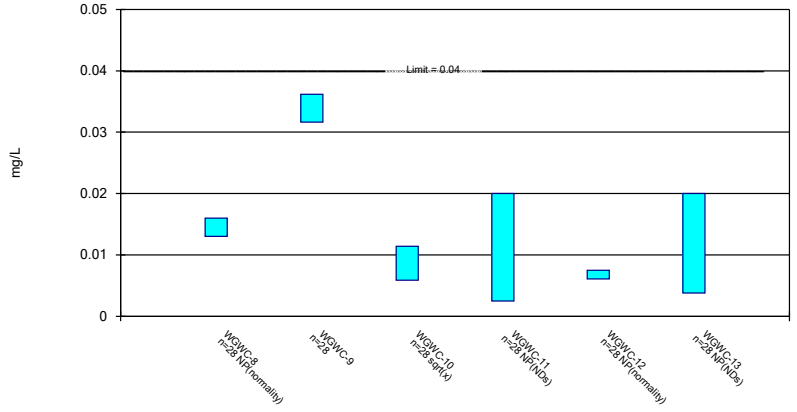


Constituent: Lead Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 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.

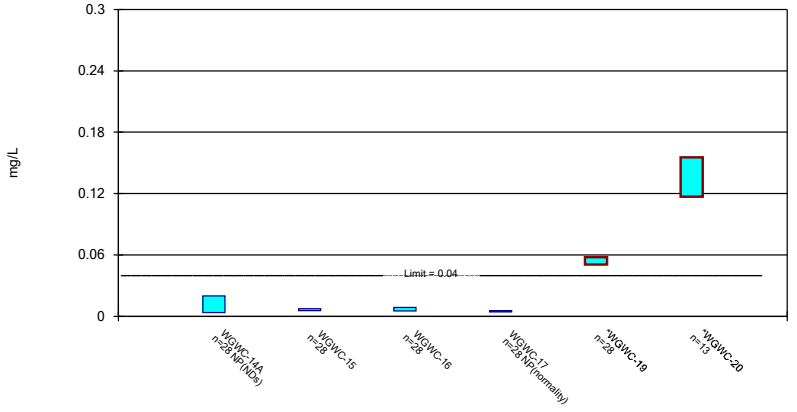


Constituent: Lithium Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

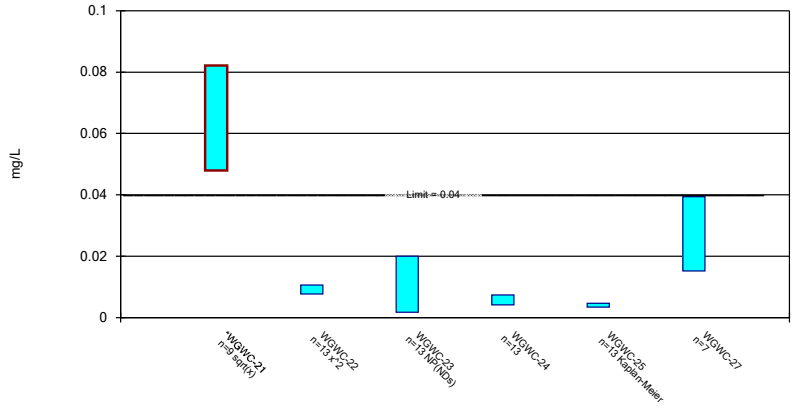


Constituent: Lithium Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

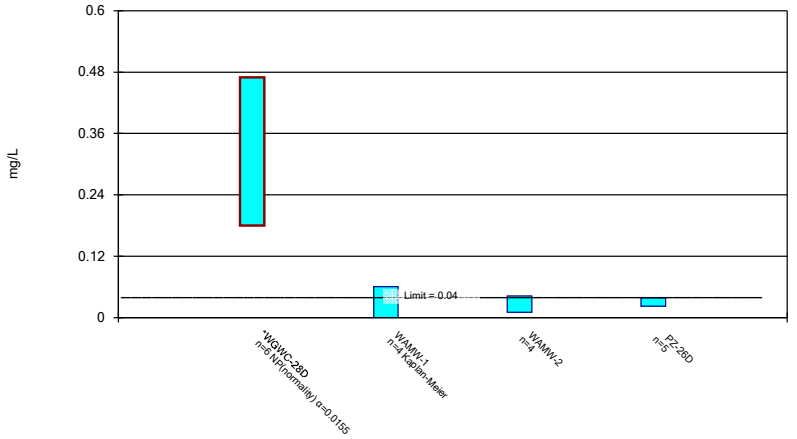


Constituent: Lithium Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

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.

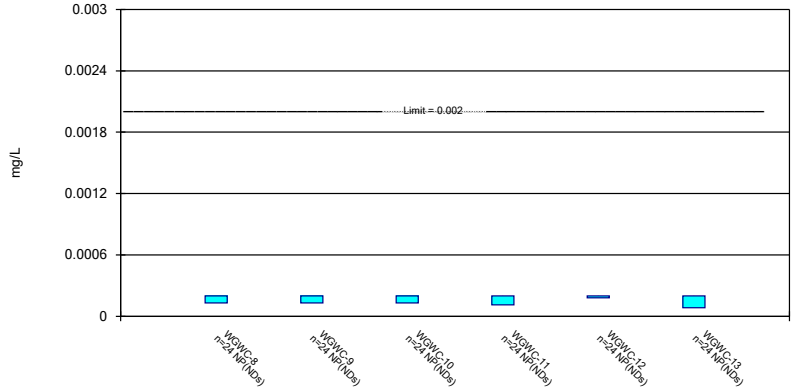


Constituent: Lithium Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

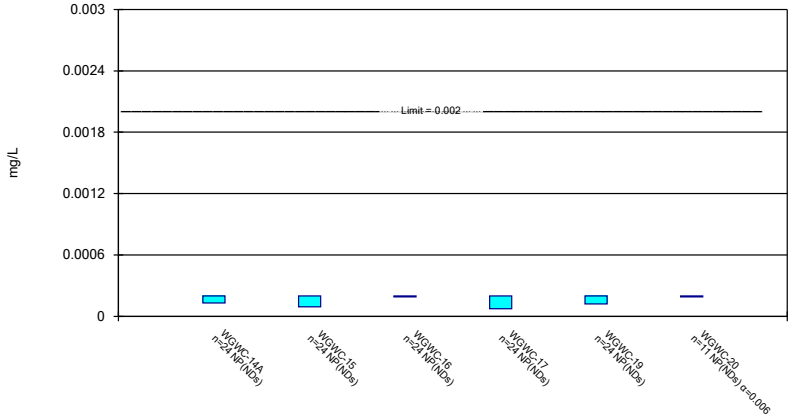


Constituent: Mercury Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.

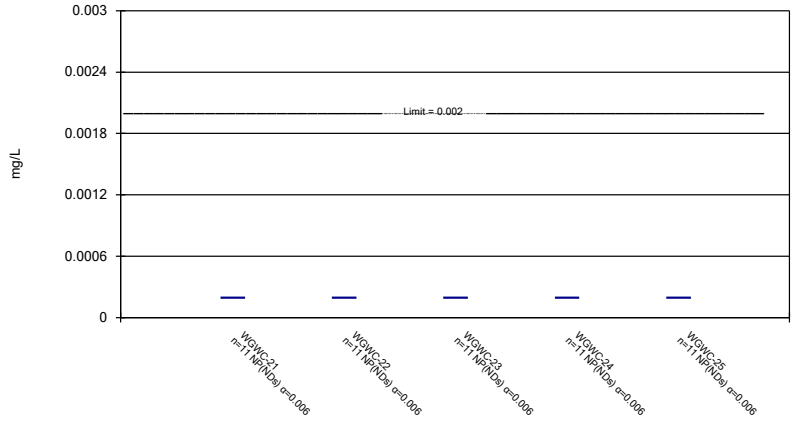


Constituent: Mercury Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

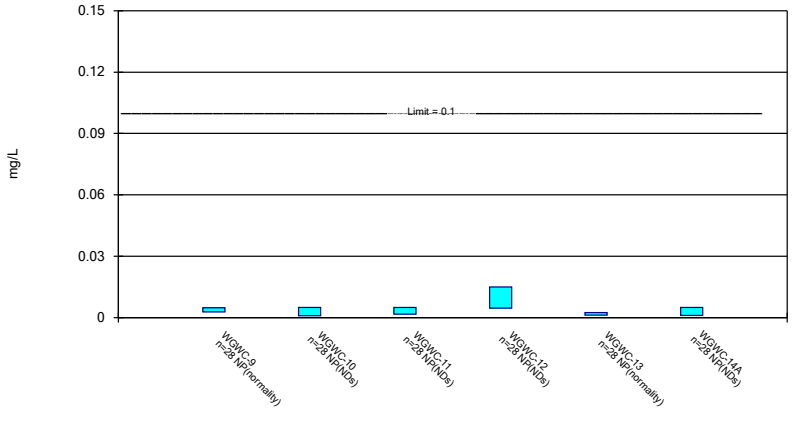


Constituent: Mercury Analysis Run 10/22/2025 3:43 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

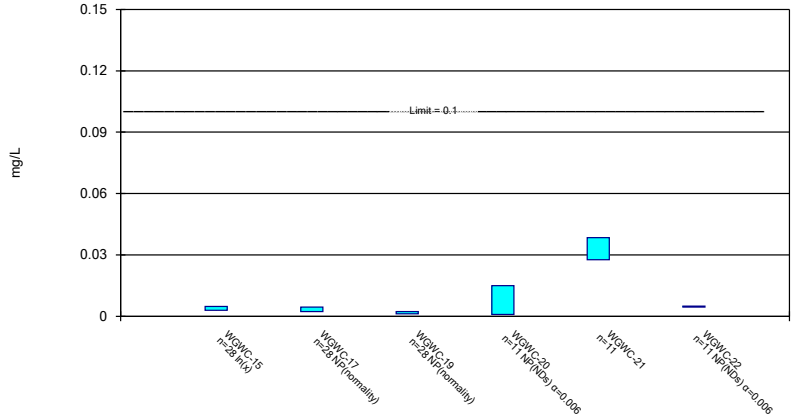


Constituent: Molybdenum Analysis Run 10/22/2025 3:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 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.

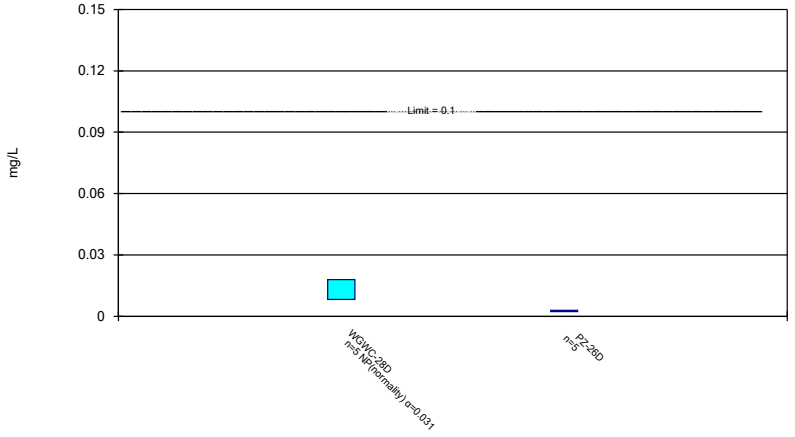


Constituent: Molybdenum Analysis Run 10/22/2025 3:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 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.

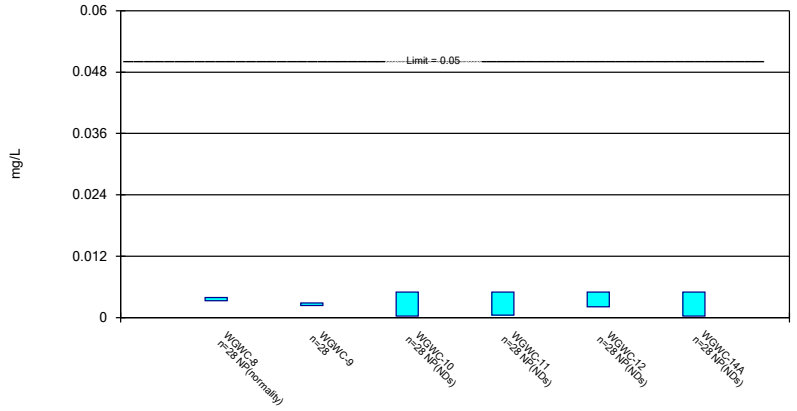


Constituent: Molybdenum Analysis Run 10/22/2025 3:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 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.

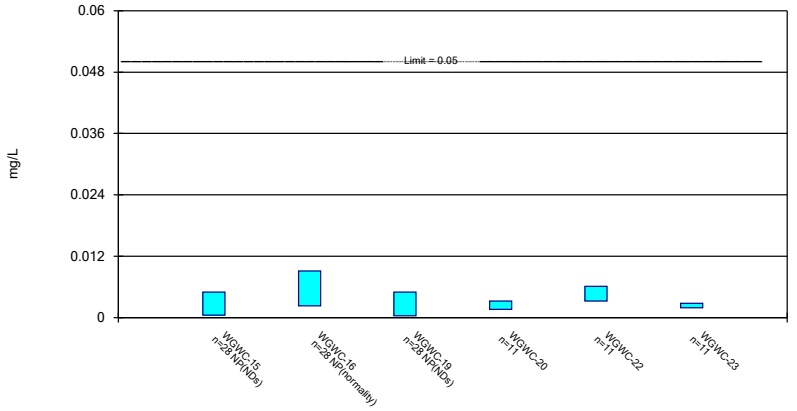


Constituent: Selenium Analysis Run 10/22/2025 3:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 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.

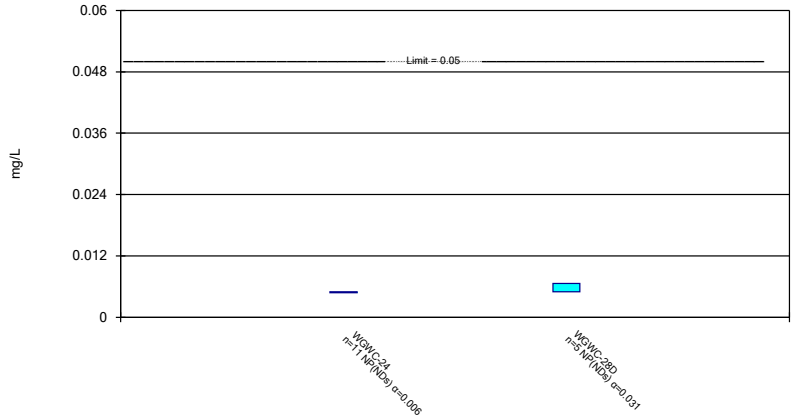


Constituent: Selenium Analysis Run 10/22/2025 3:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.

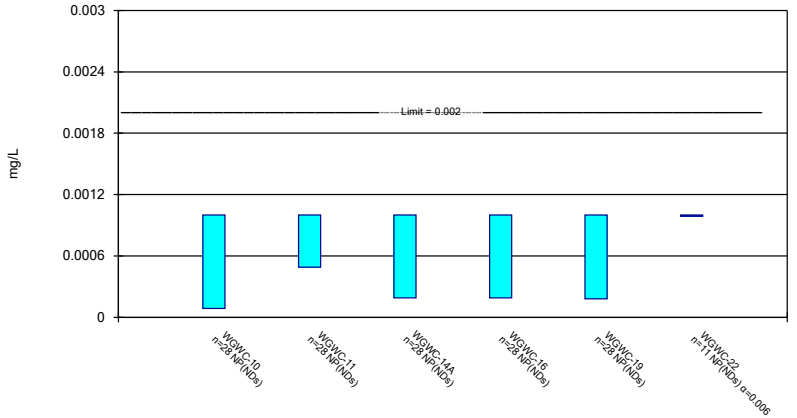


Constituent: Selenium Analysis Run 10/22/2025 3:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.

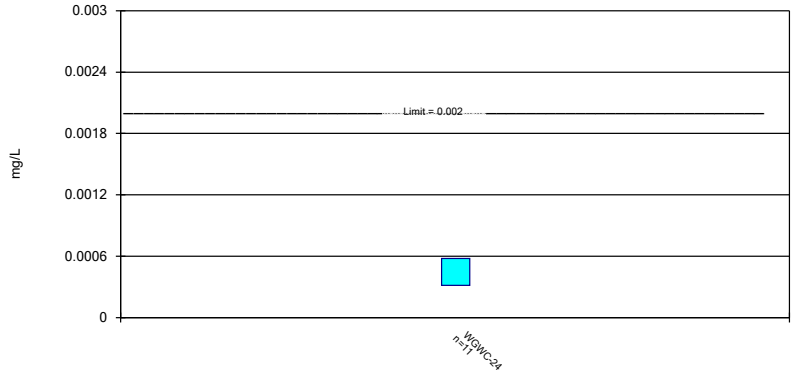


Constituent: Thallium Analysis Run 10/22/2025 3:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 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: Thallium Analysis Run 10/22/2025 3:44 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 10/22/2025 3:45 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-11	WGWC-12	WGWC-19	WGWC-20
5/19/2016	<0.002	<0.005	<0.005	<0.005		
7/20/2016	<0.002	<0.005	<0.005	<0.005		
9/14/2016		<0.005	<0.005	<0.005		
9/15/2016	<0.002					
11/11/2016			<0.005	<0.005	<0.005	
11/14/2016	<0.002					
1/27/2017			<0.005	<0.005		
2/6/2017	<0.002				<0.005	
2/9/2017		<0.005				
3/15/2017	<0.002	0.0011 (J)	<0.005	<0.005	<0.005	
4/11/2017		<0.005			<0.005	
4/26/2017	<0.002	<0.005	<0.005	<0.005	<0.005	
6/7/2017					<0.005	
7/11/2017					<0.005	
8/10/2017	<0.002	<0.005	<0.005	0.0023 (J)	<0.005	
3/29/2018	<0.002	<0.005	<0.005	<0.005	<0.005	
2/27/2019	<0.002		<0.005	<0.005		
2/28/2019		<0.005			<0.005	
2/5/2020		<0.005	<0.005	<0.005		
2/7/2020	<0.002				<0.005	
2/3/2021	<0.002		<0.005	<0.005	<0.005	
2/4/2021		0.00041 (J)				
3/11/2021	<0.002				<0.005	
3/12/2021		<0.005	<0.005	<0.005		
8/25/2021			<0.005	<0.005		
8/26/2021	<0.002	<0.005			<0.005	<0.005
1/12/2022						0.00066 (J)
3/3/2022	<0.002	0.008	<0.005		<0.005	
3/4/2022				<0.005		0.0011 (J)
6/7/2022						<0.005
8/16/2022	0.011		0.00053 (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	0.00064 (J)		<0.005	<0.005	<0.005	<0.005
8/11/2023						0.00069 (J)
8/15/2023	0.0079					
8/16/2023		0.0011 (J)	<0.005	<0.005	<0.005	
2/13/2024	<0.002					0.00044 (J)
2/14/2024		0.0063		<0.005		
2/15/2024					<0.005	
2/16/2024			<0.005			
7/31/2024			<0.005	<0.005	<0.005	<0.005
8/1/2024	0.0074	0.001 (J)				
2/11/2025	<0.002	0.0079	<0.005	<0.005		
2/12/2025						<0.005
2/13/2025					<0.005	
8/14/2025	0.0029 (J)				<0.005	<0.005
8/15/2025				<0.005		
8/18/2025			<0.005			
8/19/2025		<0.005				
Mean	0.002902	0.004345	0.004797	0.004877	0.004799	0.003445

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 10/22/2025 3:45 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-11	WGWC-12	WGWC-19	WGWC-20
Std. Dev.	0.002486	0.002161	0.000953	0.0005756	0.0009423	0.002163
Upper Lim.	0.0029	0.0063	0.005	0.005	0.005	0.005
Lower Lim.	0.002	0.0043	0.00053	0.0023	0.00058	0.00066

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 10/22/2025 3:45 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-21	WGWC-22	WGWC-23	WGWC-27	WGWC-28D	PZ-26D
8/26/2021	0.00076 (J)	<0.005	<0.005			
1/11/2022	<0.002	0.00078 (J)	0.0012 (J)			
3/3/2022	0.00053 (J)					
3/4/2022		0.00082 (J)	0.0018 (J)			
6/6/2022	<0.002		0.0013 (J)			
6/7/2022		0.00054 (J)				
8/16/2022	0.00055 (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	<0.002			0.00047 (J)		
8/11/2023				0.0015 (J)		
8/17/2023	<0.002	<0.005	<0.005			0.00038 (J)
9/26/2023					0.00057 (J)	
2/14/2024		0.00076 (J)			<0.005	
2/15/2024	<0.002		<0.005	0.00056 (J)		<0.005
7/31/2024			<0.005			
8/1/2024	<0.002			<0.005	<0.005	<0.005
8/2/2024		<0.005				
2/12/2025		<0.005		<0.005	<0.005	
2/13/2025	<0.002		<0.005			<0.005
8/13/2025						<0.005
8/14/2025					<0.005	
8/18/2025		<0.005		<0.005		
8/19/2025	0.0032 (J)		<0.005			
Mean	0.001731	0.0031	0.003773	0.003219	0.004114	0.004076
Std. Dev.	0.0008028	0.002188	0.001722	0.002246	0.001981	0.002066
Upper Lim.	0.002	0.005	0.005	0.005	0.005	0.005
Lower Lim.	0.00055	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 10/22/2025 3:45 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13
5/18/2016			<0.005			
5/19/2016	<0.005	<0.005		<0.005	<0.005	<0.005
7/20/2016	0.00055 (J)	0.00078 (J)	<0.005	<0.005	<0.005	<0.005
9/14/2016		<0.005	<0.005	<0.005	<0.005	<0.005
9/15/2016	<0.005					
11/10/2016						<0.005
11/11/2016			<0.005	<0.005	<0.005	
11/14/2016	<0.005					
1/27/2017				0.00047 (J)	<0.005	0.00066 (J)
2/6/2017	<0.005		<0.005			
2/9/2017		0.0017				
3/15/2017	<0.005	0.00047 (J)	<0.005	<0.005	<0.005	<0.005
4/11/2017		<0.005				
4/26/2017	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/9/2017						<0.005
8/10/2017	<0.005	<0.005	<0.005	<0.005	0.00048 (J)	
3/29/2018	<0.005	<0.005		<0.005	<0.005	0.00067 (J)
3/30/2018			<0.005			
6/14/2018	<0.005	<0.005	0.0005 (J)	<0.005	0.00052 (J)	0.00093 (J)
10/4/2018	0.0015	<0.005	0.00089 (J)	0.00054 (J)	<0.005	0.0015
2/27/2019	0.00047 (J)		<0.005	<0.005	<0.005	0.00036 (J)
2/28/2019		<0.005				
4/3/2019	<0.005	<0.005		<0.005	<0.005	0.00053 (J)
4/4/2019			<0.005			
9/18/2019						0.00039 (J)
9/19/2019	0.00032 (J)	<0.005	0.00038 (J)	<0.005	<0.005	
2/5/2020		<0.005	0.00035 (J)	<0.005	<0.005	0.00048 (J)
2/7/2020	0.0011					
3/18/2020			<0.005	<0.005	<0.005	
3/19/2020	0.00071 (J)	<0.005				0.00039 (J)
9/22/2020	0.0011					
9/23/2020		<0.005	<0.005		<0.005	
9/24/2020				0.00051 (J)		<0.005
2/3/2021	0.0013			<0.005	<0.005	
2/4/2021		<0.005	<0.005			0.00038 (J)
3/11/2021	0.0009 (J)		0.00031 (J)			0.00035 (J)
3/12/2021		<0.005		<0.005	<0.005	
8/25/2021				<0.005	<0.005	<0.005
8/26/2021	0.0013	<0.005	<0.005			
3/3/2022	0.0014	<0.005	<0.005	<0.005		<0.005
3/4/2022					0.00037 (J)	
8/16/2022	0.00097 (J)			<0.005		
8/17/2022		<0.005				
8/18/2022					<0.005	0.00034 (J)
8/19/2022			<0.005			
2/15/2023		<0.005				
2/16/2023	<0.005		<0.005	<0.005	<0.005	<0.005
8/15/2023	0.00087 (J)					
8/16/2023		<0.005		<0.005	<0.005	<0.005
8/17/2023			<0.005			
2/13/2024	0.0017					
2/14/2024		<0.005			0.001	

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 10/22/2025 3:45 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13
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	0.0016	<0.005				
2/11/2025	0.0012	<0.005		<0.005	<0.005	
2/12/2025						<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			
Mean	0.00275	0.00457	0.004194	0.004519	0.00437	0.003106
Std. Dev.	0.002008	0.001277	0.001763	0.001415	0.001573	0.002237
Upper Lim.	0.005	0.005	0.005	0.005	0.005	0.005
Lower Lim.	0.0011	0.0017	0.00089	0.00054	0.001	0.00053

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 10/22/2025 3:45 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-20	WGWC-21
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			
2/8/2017	<0.005					
2/23/2017	<0.005					
3/14/2017		0.0016		<0.005		
3/15/2017			0.0014			
3/17/2017	0.0006 (J)					
4/11/2017	0.0032					
4/25/2017		0.0019	0.0014	0.00095 (J)		
4/26/2017	0.0019					
5/17/2017	0.0014					
6/7/2017	0.0021					
7/11/2017	0.00095 (J)					
8/9/2017		0.0017	0.0013	<0.005		
3/29/2018	<0.005		0.0014			
3/30/2018		0.0018		<0.005		
6/14/2018	<0.005	0.002	<0.005	0.00076 (J)		
10/3/2018		0.0024				
10/4/2018	0.0017		0.0013	0.00088 (J)		
2/26/2019				0.0005 (J)		
2/27/2019	<0.005	0.0015	0.00046 (J)			
4/3/2019	<0.005					
4/4/2019		0.0019	<0.005	<0.005		
9/18/2019	<0.005	0.0016	<0.005	<0.005		
2/5/2020	<0.005					
2/7/2020		0.001	<0.005	0.00075 (J)		
3/18/2020		0.00088 (J)	<0.005	0.00054 (J)		
3/19/2020	<0.005					
9/23/2020		0.00061 (J)	<0.005	0.00067 (J)		
9/24/2020	<0.005					
2/4/2021	<0.005	0.00069 (J)	<0.005	0.00035 (J)		
3/11/2021	<0.005		<0.005	<0.005		
3/12/2021		0.00084 (J)				
8/25/2021	<0.005		<0.005	<0.005		
8/26/2021		0.0012			0.00031 (J)	0.00057 (J)
1/11/2022						0.00036 (J)
1/12/2022					0.00052 (J)	
3/3/2022	<0.005	0.00057 (J)	<0.005			0.00053 (J)
3/4/2022				<0.005	0.00078 (J)	
6/6/2022						0.00083 (J)
6/7/2022					0.00033 (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			
2/16/2023	<0.005			<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 10/22/2025 3:45 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-20	WGWC-21
8/11/2023					<0.005	
8/15/2023			<0.005			
8/16/2023	<0.005	<0.005		<0.005		
8/17/2023						<0.005
2/13/2024					0.001	
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	0.0012	
8/1/2024						<0.005
8/2/2024	<0.005					
2/11/2025				<0.005		
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		<0.005	
8/19/2025						<0.005
Mean	0.004173	0.002352	0.003684	0.003457	0.002649	0.002961
Std. Dev.	0.001512	0.001576	0.001814	0.002111	0.002266	0.002347
Upper Lim.	0.005	0.00174	0.005	0.005	0.005	0.005
Lower Lim.	0.0032	0.001028	0.0015	0.00082	0.00033	0.00036

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 10/22/2025 3:45 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-22	WGWC-24	WGWC-25	WGWC-28D
8/26/2021	<0.005	0.0033	<0.005	
1/11/2022	<0.005	0.0017	<0.005	
3/3/2022		0.0029		
3/4/2022	0.00046 (J)		<0.005	
6/6/2022		0.00054 (J)		
6/7/2022	0.00029 (J)		<0.005	
8/17/2022			<0.005	
8/18/2022		0.00028 (J)		
8/19/2022	<0.005			
2/15/2023	<0.005	<0.005	<0.005	
8/15/2023			<0.005	
8/17/2023	<0.005	<0.005		
9/26/2023				0.0013
2/14/2024	0.0011	0.0012		0.0022
2/15/2024			0.00096 (J)	
7/31/2024		<0.005	<0.005	
8/1/2024				0.0025
8/2/2024	<0.005			
2/12/2025	<0.005		<0.005	<0.001
2/13/2025		<0.005		
8/13/2025			<0.005	
8/14/2025				0.0016 (J)
8/18/2025	<0.005	<0.005		
Mean	0.003805	0.003175	0.004633	0.00172
Std. Dev.	0.002056	0.001953	0.001218	0.0006221
Upper Lim.	0.005	0.005	0.005	0.002652
Lower Lim.	0.00046	0.00054	0.005	0.0007876

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 10/22/2025 3:45 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13
5/18/2016			0.0391			
5/19/2016	0.0026 (J)	<0.01		0.031	0.0214	0.055
7/20/2016	0.0017 (J)	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
9/15/2016	0.0039					
11/10/2016						0.04
11/11/2016			0.042	0.034	0.022	
11/14/2016	0.00085 (J)					
1/27/2017				0.042	0.023	0.042
2/6/2017	0.0011 (J)		0.041			
2/9/2017		0.0015 (J)				
3/15/2017	0.0013 (J)	0.00054 (J)	0.04	0.032	0.024	0.058
4/11/2017		0.0007 (J)				
4/26/2017	0.00098 (J)	<0.01	0.039	0.03	0.004	0.054
8/9/2017						0.055
8/10/2017	0.0025	0.00053 (J)	0.038	0.03	0.017	
3/29/2018	0.00085 (J)	<0.01		0.028	0.017	0.061
3/30/2018			0.042			
6/14/2018	0.0028	0.00088 (J)	0.038	0.03	0.015	0.055
10/4/2018	0.0017 (J)	0.00076 (J)	0.04	0.035	0.017	0.046
2/27/2019	<0.01		0.04	0.04	0.016	0.054
2/28/2019		0.0023 (J)				
4/3/2019	0.001 (J)	<0.01		0.035	0.015	0.056
4/4/2019			0.04			
9/18/2019						0.062
9/19/2019	<0.01	0.0018 (J)	0.038	0.033	0.016	
2/5/2020		0.0022 (J)	0.061	0.047	0.016	0.052
2/7/2020	<0.01					
3/18/2020			0.035	0.038	0.016	
3/19/2020	<0.01	0.0021 (J)				0.072
9/22/2020	<0.01					
9/23/2020		<0.01	0.035		0.016	
9/24/2020				0.061		0.038
2/3/2021	<0.01			0.039	0.015	
2/4/2021		0.0016 (J)	0.035			0.047
3/11/2021	<0.01		0.033			0.049
3/12/2021		<0.01		0.045	0.017	
8/25/2021				0.04	0.016	0.046
8/26/2021	<0.01	<0.01	0.032			
3/3/2022	<0.01	<0.01	0.033	0.04		0.045
3/4/2022					0.016	
8/16/2022	0.0014 (J)			0.038		
8/17/2022		<0.01				
8/18/2022					0.014	0.041
8/19/2022			0.03			
2/15/2023		<0.01				
2/16/2023	0.00093 (J)		0.032	0.041	0.014	0.037
8/15/2023	0.0019 (J)					
8/16/2023		<0.01		0.044	0.017	0.042
8/17/2023			0.036			
2/13/2024	0.0014 (J)					
2/14/2024		<0.01			0.017	

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 10/22/2025 3:45 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13
2/15/2024			0.034			0.037
2/16/2024				0.042		
7/31/2024			0.034	0.05	0.016	0.045
8/1/2024	0.0021 (J)	<0.01				
2/11/2025	0.0015 (J)	0.0018 (J)		0.053	0.018	
2/12/2025						0.04
2/13/2025			0.032			
8/14/2025	0.0021 (J)					0.041
8/15/2025					0.018	
8/18/2025				0.05		
8/19/2025		0.00049 (J)	0.032			
Mean	0.004379	0.00534	0.03693	0.03886	0.01687	0.04818
Std. Dev.	0.003994	0.004442	0.006044	0.008182	0.003605	0.008928
Upper Lim.	0.0039	0.01	0.0391	0.04268	0.018	0.05235
Lower Lim.	0.0014	0.0014	0.033	0.03503	0.016	0.04401

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 10/22/2025 3:45 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19	WGWC-20
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)	
2/8/2017	0.037					
2/23/2017	0.051					
3/14/2017		0.018		0.019		
3/15/2017			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	0.042				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		0.02	0.069	0.017		
8/10/2017					0.0012 (J)	
3/29/2018	0.028		0.05		0.00097 (J)	
3/30/2018		0.021		0.015		
6/14/2018	0.023	0.022	0.046	0.013	0.0011 (J)	
10/3/2018		0.024				
10/4/2018	0.036		0.046	0.013	0.0012 (J)	
2/26/2019				0.012		
2/27/2019	0.028	0.023	0.028			
2/28/2019					<0.01	
4/2/2019					0.0013 (J)	
4/3/2019	0.026					
4/4/2019		0.022	0.027	0.011		
9/18/2019	0.025	0.026	0.032	0.011	<0.01	
2/5/2020	0.077					
2/7/2020		0.022	0.034	0.011	0.0065 (J)	
3/18/2020		0.021	0.034	0.012		
3/19/2020	0.031					
5/4/2020					<0.01	
9/23/2020		0.027	0.037	0.012	<0.01	
9/24/2020	0.034					
2/3/2021					<0.01	
2/4/2021	0.029	0.028	0.039	0.012		
3/11/2021	0.032		0.037	0.011	<0.01	
3/12/2021		0.028				
8/25/2021	0.03		0.035	0.011		
8/26/2021		0.029			<0.01	<0.01
1/12/2022						<0.01
3/3/2022	0.029	0.029	0.041		<0.01	
3/4/2022				0.011		<0.01
6/7/2022						<0.01
8/16/2022				0.011		

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 10/22/2025 3:45 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19	WGWC-20
8/17/2022		0.027	0.032		0.0012 (J)	
8/18/2022						0.00091 (J)
8/19/2022	0.026					
2/15/2023		0.029	0.044			
2/16/2023	0.028			0.01	0.00096 (J)	<0.01
8/11/2023						<0.01
8/15/2023			0.039			
8/16/2023	0.026	0.03		0.012	0.0014 (J)	
2/13/2024						<0.01
2/15/2024	0.027	0.031	0.045	0.011	0.0012 (J)	
7/30/2024			0.043			
7/31/2024		0.033		0.012	0.001 (J)	<0.01
8/2/2024	0.027					
2/11/2025				0.012		
2/12/2025	0.027		0.04			<0.01
2/13/2025		0.033			0.0077 (J)	
8/13/2025		0.033		0.011		
8/14/2025	0.027		0.039		0.0015 (J)	0.00049 (J)
Mean	0.03561	0.02466	0.04652	0.01389	0.004222	0.008309
Std. Dev.	0.01294	0.005023	0.01425	0.003806	0.004018	0.003763
Upper Lim.	0.038	0.02701	0.05217	0.017	0.0077	0.01
Lower Lim.	0.027	0.02232	0.03931	0.011	0.0012	0.00091

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 10/22/2025 3:45 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27
8/26/2021	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	
3/3/2022	0.0068 (J)			0.028		
3/4/2022		0.038	0.0081 (J)		0.38	
6/6/2022	0.0079 (J)		0.0097 (J)	0.032		
6/7/2022		0.025			0.34	
8/16/2022	0.0039 (J)					
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	0.0053 (J)					0.0049 (J)
8/11/2023						0.0047 (J)
8/15/2023					0.19	
8/17/2023	0.0044 (J)	0.021	0.01	0.046		
2/14/2024		0.041		0.052		
2/15/2024	0.0064 (J)		0.005 (J)		0.14	0.004 (J)
7/31/2024			0.011	0.047	0.23	
8/1/2024	0.0047 (J)					0.0042 (J)
8/2/2024		0.021				
2/12/2025		0.022			0.19	0.0034 (J)
2/13/2025	0.0038 (J)		0.015	0.051		
8/13/2025					0.25	
8/18/2025		0.018		0.042		0.0025 (J)
8/19/2025	0.0033 (J)		0.0067 (J)			
Mean	0.0057	0.02845	0.008627	0.04055	0.2864	0.0039
Std. Dev.	0.001844	0.008442	0.002811	0.008371	0.09091	0.0008206
Upper Lim.	0.007237	0.03549	0.01097	0.04752	0.3621	0.004875
Lower Lim.	0.004163	0.02142	0.006285	0.03357	0.2106	0.002925

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 10/22/2025 3:45 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-28D	PZ-26D
8/17/2023		0.024
9/26/2023	0.016	
2/14/2024	0.017	
2/15/2024		0.021
8/1/2024	0.011	0.024
2/12/2025	0.011	
2/13/2025		0.017
8/13/2025		0.031
8/14/2025	0.012	
Mean	0.0134	0.0234
Std. Dev.	0.002881	0.005128
Upper Lim.	0.01823	0.03199
Lower Lim.	0.008572	0.01481

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 10/22/2025 3:45 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-14A	WGWC-16	WGWC-20	WGWC-21
5/18/2016				<0.001		
5/19/2016	0.00102 (J)	<0.0025				
7/19/2016				<0.001		
7/20/2016	0.0014 (J)	<0.0025				
9/14/2016		<0.0025		<0.001		
9/15/2016	0.00093 (J)					
11/10/2016				<0.001		
11/14/2016	0.0014 (J)					
1/24/2017				<0.001		
2/6/2017	0.0017 (J)					
2/8/2017			<0.001			
2/9/2017		0.00041 (J)				
2/23/2017			<0.001			
3/15/2017	0.0016 (J)	<0.0025		<0.001		
3/17/2017			<0.001			
4/11/2017		<0.0025	<0.001			
4/25/2017				<0.001		
4/26/2017	0.0017 (J)	<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	0.0017 (J)	0.00034 (J)				
3/29/2018	0.0018 (J)	<0.0025	<0.001	<0.001		
6/14/2018	0.0015 (J)	<0.0025	<0.001	<0.001		
10/4/2018	0.0019 (J)	0.00036 (J)	<0.001	<0.001		
2/27/2019	0.0021 (J)		0.00017 (J)	0.00022 (J)		
2/28/2019		0.00031 (J)				
4/3/2019	0.0019 (J)	<0.0025	<0.001			
4/4/2019				<0.001		
9/18/2019			0.00032 (J)	<0.001		
9/19/2019	0.0019	0.00041 (J)				
2/5/2020		0.0004 (J)	0.00024 (J)			
2/7/2020	0.0023			<0.001		
3/18/2020				<0.001		
3/19/2020	0.0028	0.00056 (J)	0.00025 (J)			
9/22/2020	0.0025					
9/23/2020		0.00034 (J)		<0.001		
9/24/2020			0.00024 (J)			
2/3/2021	0.0025					
2/4/2021		0.00039 (J)	0.00026 (J)	<0.001		
3/11/2021	0.0022 (J)		<0.001	<0.001		
3/12/2021		0.00034 (J)				
8/25/2021			<0.001	<0.001		
8/26/2021	0.002 (J)	0.00038 (J)			0.0081	<0.0025
1/11/2022						<0.0025
1/12/2022					0.012	
3/3/2022	0.0027	0.00036 (J)	<0.001	<0.001		<0.0025
3/4/2022					0.01	
6/6/2022						<0.0025
6/7/2022					0.0089	
8/16/2022	0.0018 (J)					0.00022 (J)

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 10/22/2025 3:45 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-14A	WGWC-16	WGWC-20	WGWC-21
8/17/2022		0.00033 (J)		<0.001		
8/18/2022					0.0081	
8/19/2022			<0.001			
2/15/2023		0.00044 (J)		<0.001		
2/16/2023	0.0025		0.00031 (J)		0.011	<0.0025
8/11/2023					0.0099	
8/15/2023	0.0024 (J)			<0.001		
8/16/2023		0.0004 (J)	0.00023 (J)			
8/17/2023						0.00021 (J)
2/13/2024	0.0027				0.012	
2/14/2024		0.00037 (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	0.0023 (J)	0.0004 (J)				0.00025 (J)
8/2/2024			0.00025 (J)			
2/11/2025	0.0027	0.00035 (J)				
2/12/2025			0.00027 (J)	<0.001	0.011	
2/13/2025						0.00033 (J)
8/14/2025	0.0019		<0.001	<0.001	0.0089	
8/19/2025		0.00037 (J)				0.00041 (J)
Mean	0.001995	0.001063	0.0007071	0.0009721	0.01008	0.001285
Std. Dev.	0.0005046	0.001008	0.0003715	0.0001474	0.001434	0.001165
Upper Lim.	0.00223	0.00056	0.001	0.001	0.01128	0.0025
Lower Lim.	0.001759	0.00036	0.00026	0.00022	0.008886	0.00021

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 10/22/2025 3:45 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	0.00053 (J)	0.00089 (J)	0.014	0.00028 (J)		
1/11/2022	0.00057 (J)	0.0012 (J)	0.014	0.0002 (J)		
3/3/2022			0.01			
3/4/2022	0.00066 (J)	0.00097 (J)		<0.001		
6/6/2022		0.0011 (J)	0.0062			
6/7/2022	0.00055 (J)			0.0003 (J)		
8/17/2022		0.00078 (J)		0.00022 (J)		
8/18/2022			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					0.00046 (J)	
8/11/2023					0.00052 (J)	
8/15/2023				<0.001		
8/17/2023	0.0006 (J)	0.0013 (J)	0.0049			
9/26/2023						0.00073 (J)
2/14/2024	0.00044 (J)		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)
8/2/2024	0.00064 (J)					
2/12/2025	0.00061 (J)			<0.001	0.0011 (J)	0.002 (J)
2/13/2025		0.0016 (J)	0.0055			
8/13/2025				<0.001		
8/14/2025						0.0015
8/18/2025	0.00065 (J)		0.0017		0.001	
8/19/2025		0.001				
Mean	0.0005955	0.00114	0.007391	0.00066	0.0008743	0.001566
Std. Dev.	6.876E-05	0.0002271	0.004049	0.0003915	0.0003566	0.0005053
Upper Lim.	0.0006527	0.001329	0.01077	0.001	0.001298	0.002413
Lower Lim.	0.0005382	0.0009507	0.004017	0.00022	0.0004507	0.0007194

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 10/22/2025 3:45 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-10	WGWC-16	WGWC-20	WGWC-22	WGWC-24
5/18/2016		<0.0007	0.000362 (J)			
5/19/2016	<0.0025					
7/19/2016			<0.0007			
7/20/2016	<0.0025	<0.0007				
9/14/2016		<0.0007	0.00037 (J)			
9/15/2016	<0.0025					
11/10/2016			<0.0007			
11/11/2016		<0.0007				
11/14/2016	<0.0025					
1/24/2017			0.00055 (J)			
2/6/2017	<0.0025	<0.0007				
3/15/2017	<0.0025	<0.0007	0.00067 (J)			
4/25/2017			0.00058 (J)			
4/26/2017	<0.0025	<0.0007				
8/9/2017			0.00054 (J)			
8/10/2017	<0.0025	<0.0007				
3/29/2018	<0.0025		0.00082 (J)			
3/30/2018		<0.0007				
6/14/2018	<0.0025	<0.0007	0.0007 (J)			
10/4/2018	<0.0025	<0.0007	0.00065 (J)			
2/27/2019	<0.0025	<0.0007	0.00055 (J)			
4/3/2019	<0.0025					
4/4/2019		<0.0007	0.00047 (J)			
9/18/2019			0.00017 (J)			
9/19/2019	<0.0025	0.00021 (J)				
2/5/2020		<0.0007				
2/7/2020	<0.0025		<0.0007			
3/18/2020		<0.0007	0.00022 (J)			
3/19/2020	<0.0025					
9/22/2020	<0.0025					
9/23/2020		<0.0007	<0.0007			
2/3/2021	<0.0025					
2/4/2021		<0.0007	<0.0007			
8/26/2021				<0.0007	<0.0007	0.00061 (J)
1/11/2022					<0.0007	0.0004 (J)
1/12/2022				0.00026 (J)		
3/3/2022	<0.0025	<0.0007	<0.0007			0.0003 (J)
3/4/2022				<0.0007	0.00025 (J)	
6/6/2022						0.0003 (J)
6/7/2022				<0.0007	<0.0007	
8/16/2022	<0.0025					
8/17/2022			<0.0007			
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)
2/16/2023	0.00065 (J)	<0.0007		0.00057 (J)		
8/11/2023				0.00019 (J)		
8/15/2023	0.00013 (J)		<0.0007			
8/17/2023		<0.0007			<0.0007	9.5E-05 (J)
2/13/2024	0.00041 (J)			0.00042 (J)		
2/14/2024					0.00013 (J)	0.00023 (J)
2/15/2024		<0.0007	<0.0007			

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 10/22/2025 3:45 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-10	WGWC-16	WGWC-20	WGWC-22	WGWC-24
7/30/2024			<0.0007			
7/31/2024		<0.0007		0.00022 (J)		0.0001 (J)
8/1/2024	9.5E-05 (J)					
8/2/2024					<0.0007	
2/11/2025	<0.0025					
2/12/2025			<0.0007	0.00045 (J)	0.00011 (J)	
2/13/2025		<0.0007				0.00018 (J)
8/14/2025	0.00034 (J)		<0.0007	<0.0007		
8/18/2025					<0.0007	<0.0007
8/19/2025		<0.0007				
Mean	0.002082	0.0006812	0.0005822	0.00051	0.00046	0.0002986
Std. Dev.	0.0008788	9.61E-05	0.0001905	0.0002109	0.0002811	0.0001747
Upper Lim.	0.0025	0.0007	0.0007	0.0007	0.0007	0.0004442
Lower Lim.	0.00065	0.00021	0.00054	0.00022	0.00011	0.000153

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 10/22/2025 3:45 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-27
8/26/2021	<0.0007	
1/11/2022	<0.0007	
3/4/2022	<0.0007	
6/7/2022	<0.0007	
8/17/2022	0.00012 (J)	
10/19/2022		<0.0007
2/15/2023	0.0001 (J)	
2/16/2023		8E-05 (J)
8/11/2023		<0.0007
8/15/2023	<0.0007	
2/15/2024	<0.0007	<0.0007
7/31/2024	<0.0007	
8/1/2024		<0.0007
2/12/2025	<0.0007	<0.0007
8/13/2025	<0.0007	
8/18/2025		<0.0007
Mean	0.0005927	0.0006114
Std. Dev.	0.0002387	0.0002343
Upper Lim.	0.0007	0.0007
Lower Lim.	0.00012	8E-05

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 10/22/2025 3:45 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 10/22/2025 3:45 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				
Mean	0.004804	0.002261	0.004504	0.004539	0.004882	0.004875
Std. Dev.	0.0007244	0.0006795	0.001248	0.00115	0.0006236	0.0006614
Upper Lim.	0.005	0.002578	0.005	0.005	0.005	0.005
Lower Lim.	0.0025	0.001943	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 10/22/2025 3:45 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-21	WGWC-23	WGWC-28D
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
2/13/2025	<0.005	0.0017 (J)	
8/14/2025			<0.005
8/19/2025	<0.005	<0.005	
Mean	0.004682	0.0047	0.0044
Std. Dev.	0.001055	0.000995	0.001342
Upper Lim.	0.005	0.005	0.005
Lower Lim.	0.005	0.005	0.002

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 10/22/2025 3:45 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13
5/18/2016			0.00201 (J)			
5/19/2016	<0.005	<0.005		<0.0025	<0.005	<0.005
7/20/2016	<0.005	<0.005	0.00066 (J)	0.0025	0.0013 (J)	<0.005
9/14/2016		<0.005	0.00095 (J)	<0.0025	0.00098 (J)	<0.005
9/15/2016	<0.005					
11/10/2016						<0.005
11/11/2016			0.001 (J)	0.00052 (J)	0.0017 (J)	
11/14/2016	<0.005					
1/27/2017				0.00049 (J)	0.0022 (J)	<0.005
2/6/2017	<0.005		0.00072 (J)			
2/9/2017		0.00073 (J)				
3/15/2017	<0.005	<0.005	0.00062 (J)	0.00064 (J)	0.0016 (J)	<0.005
4/11/2017		<0.005				
4/26/2017	<0.005	<0.005	0.0014 (J)	0.001 (J)	0.00026 (J)	<0.005
8/9/2017						0.0004 (J)
8/10/2017	<0.005	<0.005	<0.005	0.0011 (J)	0.00049 (J)	
3/29/2018	0.00066 (J)	<0.005		<0.0025	0.0008 (J)	0.0008 (J)
3/30/2018			0.0035			
6/14/2018	0.0011 (J)	<0.005	0.0012 (J)	<0.0025	0.00067 (J)	0.00054 (J)
10/4/2018	<0.005	<0.005	0.00086 (J)	<0.0025	0.00079 (J)	<0.005
2/27/2019	0.0019 (J)		0.0005 (J)	0.0022 (J)	0.0006 (J)	0.00013 (J)
2/28/2019		<0.005				
4/3/2019	0.0037	<0.005		0.00081 (J)	0.00043 (J)	<0.005
4/4/2019			0.0017 (J)			
9/18/2019						<0.005
9/19/2019	0.0028	<0.005	0.0023	<0.0025	0.00028 (J)	
2/5/2020		<0.005	0.0013	0.00026 (J)	0.00058	<0.005
2/7/2020	0.0011					
3/18/2020			0.0012 (J)	0.00069 (J)	0.00071 (J)	
3/19/2020	0.00092 (J)	<0.005				<0.005
9/22/2020	0.00065 (J)					
9/23/2020		<0.005	0.00062 (J)		0.00039 (J)	
9/24/2020				<0.0025		0.00032 (J)
2/3/2021	0.00014 (J)			0.00072 (J)	0.00017 (J)	
2/4/2021		<0.005	0.00059 (J)			<0.005
3/11/2021	0.00043 (J)		0.00058 (J)			<0.005
3/12/2021		<0.005		0.0022 (J)	0.00042 (J)	
8/25/2021				0.00045 (J)	0.0005 (J)	<0.005
8/26/2021	0.0005 (J)	<0.005	0.00044 (J)			
3/3/2022	0.0003 (J)	<0.005	0.00045 (J)	0.00026 (J)		<0.005
3/4/2022					0.00056 (J)	
8/16/2022	0.00075 (J)			<0.0025		
8/17/2022		<0.005				
8/18/2022					0.00034 (J)	<0.005
8/19/2022			0.0014 (J)			
2/15/2023		<0.005				
2/16/2023	<0.005		<0.005	<0.0025	0.0004 (J)	<0.005
8/15/2023	<0.005					
8/16/2023		<0.005		<0.0025	0.00025 (J)	0.00024 (J)
8/17/2023			0.00038 (J)			
2/13/2024	<0.005					
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 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13
2/15/2024			<0.005			<0.005
2/16/2024				<0.0025		
7/31/2024			<0.005	<0.0025	0.00029 (J)	<0.005
8/1/2024	<0.005	<0.005				
2/11/2025	<0.005	<0.005		<0.0025	0.00033 (J)	
2/12/2025						0.00029 (J)
2/13/2025			<0.005			
8/14/2025	<0.005					<0.005
8/15/2025					<0.005	
8/18/2025				0.00043 (J)		
8/19/2025		<0.005	<0.005			
Mean	0.003212	0.004847	0.001942	0.00167	0.0008032	0.003847
Std. Dev.	0.002076	0.000807	0.001755	0.0009499	0.0006808	0.002036
Upper Lim.	0.005	0.005	0.0023	0.0025	0.0008551	0.005
Lower Lim.	0.00092	0.00073	0.00062	0.00069	0.0004317	0.0008

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19	WGWC-20
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)	
2/8/2017	0.0051					
2/23/2017	0.014					
3/14/2017		<0.005		0.0023 (J)		
3/15/2017			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	0.01				<0.005	
5/17/2017	0.011					
6/7/2017	0.01				<0.005	
7/11/2017	0.0085				<0.005	
8/9/2017		<0.005	0.016	0.0011 (J)		
8/10/2017					0.00049 (J)	
3/29/2018	0.015		0.0092		<0.005	
3/30/2018		<0.005		0.0016 (J)		
6/14/2018	0.011	<0.005	0.0035	0.00055 (J)	<0.005	
10/3/2018		<0.005				
10/4/2018	0.0055		0.0078	0.00041 (J)	<0.005	
2/26/2019				0.00086 (J)		
2/27/2019	0.0049	<0.005	0.00084 (J)			
2/28/2019					0.00019 (J)	
4/2/2019					<0.005	
4/3/2019	0.0056					
4/4/2019		<0.005	0.00077 (J)	<0.005		
9/18/2019	0.005	<0.005	0.00011 (J)	0.00018 (J)	0.00045 (J)	
2/5/2020	0.0044					
2/7/2020		<0.005	0.00016 (J)	0.00077	0.00024 (J)	
3/18/2020		<0.005	0.00016 (J)	0.00052 (J)		
3/19/2020	0.0039					
5/4/2020					0.00018 (J)	
9/23/2020		<0.005	<0.005	0.0009 (J)	0.00024 (J)	
9/24/2020	0.0035					
2/3/2021					0.00025 (J)	
2/4/2021	0.0041	0.00015 (J)	0.00026 (J)	0.00042 (J)		
3/11/2021	0.0037		0.00013 (J)	0.00035 (J)	0.00022 (J)	
3/12/2021		<0.005				
8/25/2021	0.0029		<0.005	0.00042 (J)		
8/26/2021		<0.005			0.00022 (J)	0.00046 (J)
1/12/2022						0.00037 (J)
3/3/2022	0.0024 (J)	<0.005	<0.005		0.00034 (J)	
3/4/2022				0.00026 (J)		<0.005
6/7/2022						<0.005
8/16/2022				<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19	WGWC-20
8/17/2022		<0.005	<0.005		<0.005	
8/18/2022						<0.005
8/19/2022	0.002 (J)					
2/15/2023		<0.005	<0.005			
2/16/2023	0.0022 (J)			<0.005	0.00053 (J)	<0.005
8/11/2023						<0.005
8/15/2023			<0.005			
8/16/2023	0.002 (J)	<0.005		<0.005	0.00026 (J)	
2/13/2024						<0.005
2/15/2024	0.0017 (J)	<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
8/2/2024	0.0016 (J)					
2/11/2025				<0.005		
2/12/2025	0.0015 (J)		<0.005			<0.005
2/13/2025		<0.005			<0.005	
8/13/2025		<0.005		<0.005		
8/14/2025	0.0014 (J)		<0.005		<0.005	<0.005
Mean	0.006139	0.004827	0.006422	0.0022	0.002496	0.004166
Std. Dev.	0.004536	0.0009166	0.005249	0.001906	0.002376	0.001855
Upper Lim.	0.007476	0.005	0.0092	0.0009772	0.005	0.005
Lower Lim.	0.003628	0.00015	0.0035	0.0004796	0.00025	0.00046

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27
8/26/2021	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	
3/3/2022	0.00042 (J)			0.086		
3/4/2022		0.00034 (J)	<0.005		0.004	
6/6/2022	0.001 (J)		<0.005	0.042		
6/7/2022		<0.005			0.0043	
8/16/2022	0.00039 (J)					
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	<0.005					0.0013 (J)
8/11/2023						0.0018 (J)
8/15/2023					0.0081	
8/17/2023	<0.005	<0.005	<0.005	0.035		
2/14/2024		<0.005		0.045		
2/15/2024	<0.005		<0.005		0.0062	0.0018 (J)
7/31/2024			<0.005	0.027	0.0088	
8/1/2024	<0.005					0.0026
8/2/2024		<0.005				
2/12/2025		<0.005			0.0085	0.002 (J)
2/13/2025	<0.005		0.00022 (J)	0.039		
8/13/2025					0.0097	
8/18/2025		<0.005		0.02		0.0014 (J)
8/19/2025	<0.005		<0.005			
Mean	0.002959	0.003725	0.003686	0.059	0.006182	0.001843
Std. Dev.	0.002351	0.002185	0.00225	0.03713	0.002184	0.0004315
Upper Lim.	0.005	0.005	0.005	0.08994	0.008002	0.002355
Lower Lim.	0.00039	0.00034	0.00017	0.02806	0.004362	0.00133

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-28D	PZ-26D
8/17/2023		0.017
9/26/2023	0.00072 (J)	
2/14/2024	0.00064 (J)	
2/15/2024		0.0069
8/1/2024	<0.005	0.0081
2/12/2025	0.00024 (J)	
2/13/2025		0.0011 (J)
8/13/2025		0.0086
8/14/2025	<0.005	
Mean	0.00232	0.00834
Std. Dev.	0.002453	0.005692
Upper Lim.	0.000994	0.01788
Lower Lim.	0.0002036	0

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13
5/18/2016			0.182 (U)			
5/19/2016	0.711 (U)	0.209 (U)		0.431 (U)	0.0698 (U)	0.219 (U)
7/20/2016	1.14	-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
9/15/2016	1.26					
11/10/2016						1
11/11/2016			0.542	0.0257 (U)	0.467	
11/14/2016	0.749					
1/27/2017				0.898	0.836	0.668
2/6/2017	1.05		0.104 (U)			
2/9/2017		0.393				
3/15/2017	1.32	0.271 (U)	0.523	0.121 (U)	0.254 (U)	0.847
4/11/2017		0.488 (U)				
4/26/2017	1.07	0.14 (U)	0.069 (U)	0.0309 (U)	0.267 (U)	0.408 (U)
8/9/2017						0.816
8/10/2017	1.88	0.379	0.189 (U)	0.326 (U)	0.912	
3/29/2018	2.31	0.278 (U)		0.461	0.419	0.51
3/30/2018			0.575			
6/14/2018	1.86	0.157 (U)	0.523	0.275 (U)	-0.263 (U)	0.463
10/4/2018	2.44	0.48	0.84	1.18	1.29	0.99
2/27/2019	2.42		0.236 (U)	0.374	0.415	1.08
2/28/2019		0.271 (U)				
4/3/2019	1.55	0.0621 (U)		0.187 (U)	0.264 (U)	0.446
4/4/2019			0.233 (U)			
9/18/2019						0.392
9/19/2019	2.06	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
2/7/2020	1.66					
3/18/2020			0.461 (U)	0.866	-0.0262 (U)	
3/19/2020	1.21	0.23 (U)				0.47
9/22/2020	1.75					
9/23/2020		0.0587 (U)	0.442 (U)		0.785	
9/24/2020				1.2		1.02
2/3/2021	2			0.718	0.322 (U)	
2/4/2021		0.353 (U)	0.0332 (U)			0.139 (U)
3/11/2021	2.38		0.42 (U)			0.473
3/12/2021		0.831		0.0729 (U)	0.633	
8/25/2021				0.401	0.443 (U)	0.913
8/26/2021	2.87	0.681	0.321 (U)			
3/3/2022	3.18	0.431 (U)	0.587	0.622		0.621
3/4/2022					0.408	
8/16/2022	2.4			0.5		
8/17/2022		0.139 (U)				
8/18/2022					0.279 (U)	0.719
8/19/2022			0.497 (U)			
2/15/2023		0.0109 (U)				
2/16/2023	3.04		0.326 (U)	0.417 (U)	0.388 (U)	0.2 (U)
8/15/2023	2.65					
8/16/2023		0.209 (U)		0.297 (U)	0.45 (U)	-0.09 (U)
8/17/2023			-0.112 (U)			
2/13/2024	2.44					
2/14/2024		0.279 (U)			0.813	

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13
2/15/2024			0.126 (U)			0.585
2/16/2024				-0.00801 (U)		
7/31/2024			1.33	0.791	1.07	0.823
8/1/2024	1.73	0.818				
2/11/2025	3.46	2.41		1.28	0.892	
2/12/2025						0.589
2/13/2025			0.44 (U)			
8/14/2025	3.43					0.968
8/15/2025					0.0108 (U)	
8/18/2025				0.251 (U)		
8/19/2025		0.51 (U)	0.8			
Mean	2.001	0.3866	0.3601	0.4316	0.4317	0.6062
Std. Dev.	0.7853	0.463	0.3101	0.3886	0.3622	0.2939
Upper Lim.	2.368	0.48	0.505	0.6132	0.6009	0.7436
Lower Lim.	1.634	0.157	0.2152	0.25	0.2624	0.4689

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19	WGWC-20
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	
2/8/2017	0.958					
2/23/2017	0.771					
3/14/2017		0.247 (U)		-0.107 (U)		
3/15/2017			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	0.434				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		1.7	2.5	-0.0246 (U)		
8/10/2017					0.882	
3/29/2018	0.58		1.6		0.252 (U)	
3/30/2018		0.0985 (U)		0.135 (U)		
6/14/2018	0.55	0.171 (U)	1.09	-0.373 (U)	0.0458 (U)	
10/3/2018		0.766				
10/4/2018	0.563		1.99	0.775	0.381	
2/26/2019				0.431		
2/27/2019	0.538	0.363 (U)	0.721			
2/28/2019					0.254 (U)	
4/2/2019					0.209 (U)	
4/3/2019	0.497					
4/4/2019		0.418	0.632	0.386		
9/18/2019	0.376 (U)	0.484	0.278 (U)	0.167 (U)	0.403 (U)	
2/5/2020	0.5					
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)		
3/19/2020	0.376 (U)					
5/4/2020					0.0697 (U)	
9/23/2020		0.448 (U)	0.276 (U)	0.643	1.18	
9/24/2020	0.796					
2/3/2021					0.684	
2/4/2021	0.564	0.488 (U)	0.727	0.438 (U)		
3/11/2021	0.764		0.942	0.247 (U)	0.286 (U)	
3/12/2021		0.591				
8/25/2021	0.705		0.518	0.565		
8/26/2021		0.678			0.796	1.6
1/12/2022						1.09
3/3/2022	0.956	0.358 (U)	0.573		0.909	
3/4/2022				0.573		0.925
6/7/2022						0.67
8/16/2022				0.668		

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19	WGWC-20
8/17/2022		0.563	0.946		0.155 (U)	
8/18/2022						0.994
8/19/2022	0.932					
2/15/2023		0.0878 (U)	0.734			
2/16/2023	0.455 (U)			0.121 (U)	0.248 (U)	0.853
8/11/2023						0.591 (U)
8/15/2023			0.732			
8/16/2023	0.277 (U)	0.0271 (U)		0.533 (U)	0.369 (U)	
2/13/2024						1.06
2/15/2024	0.482 (U)	0.607	0.582	0.257 (U)	0.523	
7/30/2024			0.628			
7/31/2024		1.17		0.594 (U)	1.53	1.15
8/2/2024	0.774					
2/11/2025				0.639 (U)		
2/12/2025	0.968		1.14			1.12
2/13/2025		1.11			0.187 (U)	
8/13/2025		0.907		0.615		
8/14/2025	0.687 (U)		0.94		0.998	0.715 (U)
Mean	0.6969	0.5352	1.19	0.3771	0.4366	0.9789
Std. Dev.	0.2858	0.3678	0.8178	0.3315	0.3799	0.2808
Upper Lim.	0.8007	0.707	1.437	0.532	0.523	1.213
Lower Lim.	0.5545	0.3633	0.7593	0.2222	0.2	0.7449

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27
8/26/2021	1.17	3.54	0.703	1.63	1.12	
1/11/2022	0.919	6.91	0.218 (U)	0.749	0.606	
3/3/2022	1.31			0.893		
3/4/2022		7.57	0.437 (U)		0.818	
6/6/2022	2.61		1.45	0.845		
6/7/2022		4.67			0.5	
8/16/2022	1.35					
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	0.617					2.16
8/11/2023						3.88
8/15/2023					0.581 (U)	
8/17/2023	2.44	4.47	1.91	1.62		
2/14/2024		5.46		0.674		
2/15/2024	1.3		0.232 (U)		0.672	5.82
7/31/2024			1.69	1.34	1.25	
8/1/2024	0.417 (U)					5.4
8/2/2024		4.11				
2/12/2025		4.31			1.43	5.08
2/13/2025	1.7		1.31 (U)	0.801		
8/13/2025					1.29	
8/18/2025		5.52		1.28		2.97
8/19/2025	1.14		1.74			
Mean	1.361	5.055	1.059	1.076	0.9003	3.642
Std. Dev.	0.6761	1.385	0.6099	0.3402	0.321	2.023
Upper Lim.	1.925	6.209	1.567	1.36	1.168	6.045
Lower Lim.	0.7978	3.902	0.551	0.7925	0.6328	1.239

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-28D	PZ-26D
8/17/2023		1.44
9/26/2023	15.4	
2/14/2024	13.3	
2/15/2024		1.06
8/1/2024	7.77	1.07
2/12/2025	7.79	
2/13/2025		0.648
8/13/2025		0.714 (U)
8/14/2025	8.52	
Mean	10.56	0.9864
Std. Dev.	3.555	0.3189
Upper Lim.	16.51	1.521
Lower Lim.	4.599	0.452

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13
5/18/2016			0.206 (J)			
5/19/2016	0.304	1.58		0.039 (J)	0.12 (J)	0.384
7/20/2016	0.27	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
9/15/2016	0.24					
11/10/2016						0.26
11/11/2016			0.14 (J)	<0.2	<0.2	
11/14/2016	0.2					
1/27/2017				<0.2	<0.2	0.28
2/6/2017	0.27		0.15 (J)			
2/9/2017		1.3				
3/15/2017	0.25	1.3	0.16 (J)	<0.2	<0.2	0.3
4/11/2017		1.4				
4/26/2017	0.31	1.5	0.17 (J)	<0.2	<0.2	0.33
8/9/2017						0.32
8/10/2017	0.37	1.6	0.2	<0.2	0.11 (J)	
10/12/2017	0.35	1.5	0.14 (J)	<0.2	0.091 (J)	0.28
3/29/2018	0.36	1.4		<0.2	0.089 (J)	0.27
3/30/2018			0.13 (J)			
6/14/2018	0.56	1.4	0.15 (J)	<0.2	0.1 (J)	0.27
10/4/2018	0.27	1.4	0.18 (J)	<0.2	0.12 (J)	0.23
2/27/2019	0.054 (J)		0.21	0.047 (J)	0.06 (J)	0.25
2/28/2019		1.4				
4/3/2019	0.5	1.3		0.048 (J)	0.084 (J)	0.24
4/4/2019			0.13 (J)			
9/18/2019						0.22
9/19/2019	0.42	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
2/7/2020	0.25					
3/18/2020			0.052 (J)	<0.2	0.033 (J)	
3/19/2020	0.057 (J)	1				0.15
9/22/2020	0.14					
9/23/2020		0.82	0.09 (J)		0.064 (J)	
9/24/2020				0.18		<0.2
2/3/2021	0.15			0.027 (J)	0.082 (J)	
2/4/2021		0.91	0.12			0.16
3/11/2021	0.16		0.15			0.18
3/12/2021		0.98		0.044 (J)	0.096 (J)	
8/25/2021				0.056 (J)	0.14	0.2
8/26/2021	0.21	1	0.16			
3/3/2022	0.19	1	0.067 (J)	0.055 (J)		0.21
3/4/2022					0.068 (J)	
8/16/2022	0.21			<0.2		
8/17/2022		0.9				
8/18/2022					0.073 (J)	0.14
8/19/2022			0.1			
2/15/2023		0.85				
2/16/2023	0.14		0.11	0.041 (J)	0.089 (J)	0.15
8/15/2023	0.15 (J)					
8/16/2023		0.9		0.041 (J)	0.083 (J)	0.13
8/17/2023			0.1			
2/13/2024	<0.2					

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13
2/14/2024		0.73			0.044 (J)	
2/15/2024			<0.2			0.21 (J)
2/16/2024				<0.2		
7/31/2024			0.1	<0.2	0.077 (J)	0.15
8/1/2024	<0.2	0.9				
2/11/2025	<0.2	0.4		<0.2	<0.2	
2/12/2025						<0.2
2/13/2025			<0.2			
8/14/2025	1					0.26
8/15/2025					0.22	
8/18/2025				0.17 (J)		
8/19/2025		0.9	0.3			
Mean	0.265	1.199	0.1443	0.139	0.1117	0.2284
Std. Dev.	0.1883	0.3523	0.05199	0.07627	0.05248	0.07484
Upper Lim.	0.3177	1.36	0.1681	0.2	0.1005	0.2627
Lower Lim.	0.1729	1.038	0.1205	0.047	0.07164	0.1941

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19	WGWC-20
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	
2/8/2017	<0.2					
2/23/2017	<0.2					
3/14/2017		0.77		0.11 (J)		
3/15/2017			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	<0.2				0.4	
5/17/2017	<0.2					
6/7/2017	<0.2				0.35	
7/11/2017	<0.2				0.39	
8/9/2017		0.91	0.18 (J)	0.19 (J)		
8/10/2017					0.42	
10/11/2017	<0.2	0.88	<0.2	0.14 (J)		
10/12/2017					0.36	
3/29/2018	<0.2		0.13 (J)		0.34	
3/30/2018		0.79		0.095 (J)		
6/14/2018	<0.2	0.79	<0.2	0.11 (J)	0.35	
10/3/2018		0.79				
10/4/2018	<0.2		0.85 (J)	0.11 (J)	0.35	
2/26/2019				0.068 (J)		
2/27/2019	<0.2	0.81	0.47			
2/28/2019					0.28	
4/2/2019					0.33	
4/3/2019	0.048 (J)					
4/4/2019		0.78	0.08 (J)	0.087 (J)		
9/18/2019	0.035 (J)	0.81	0.058 (J)	0.066 (J)	0.32	
2/5/2020	0.04 (J)					
2/7/2020		0.79	0.072 (J)	0.079 (J)	0.35	
3/18/2020		0.71	0.084 (J)	<0.2		
3/19/2020	<0.2					
5/4/2020					0.36	
9/23/2020		0.63	0.049 (J)	0.05 (J)	0.25	
9/24/2020	0.028 (J)					
2/3/2021					0.3	
2/4/2021	0.033 (J)	0.69	0.052 (J)	0.064 (J)		
3/8/2021						1.8
3/11/2021	0.04 (J)		0.061 (J)	0.05 (J)	0.31	
3/12/2021		0.88				
4/8/2021						1.7
8/25/2021	0.071 (J)		0.099 (J)	0.093 (J)		
8/26/2021		0.77			0.38	2
1/12/2022						1.8

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19	WGWC-20
3/3/2022	0.057 (J)	0.88	0.067 (J)		0.4	
3/4/2022				0.06 (J)		2
6/7/2022						2.5
8/16/2022				0.06 (J)		
8/17/2022		0.68	0.062 (J)		0.28	
8/18/2022						2
8/19/2022	<0.2					
2/15/2023		0.73	0.076 (J)			
2/16/2023	<0.2			0.069 (J)	0.33	1.9
8/11/2023						2.1
8/15/2023			0.065 (J)			
8/16/2023	0.04 (J)	0.73		0.064 (J)	0.34	
2/13/2024						<0.2
2/15/2024	<0.2	0.89	<0.2	<0.2	0.4	
7/30/2024			<0.2			
7/31/2024		0.62		0.049 (J)	0.28	1.8
8/2/2024	<0.2					
2/11/2025				<0.2		
2/12/2025	<0.2		<0.2			<0.2
2/13/2025		0.72			0.058 (J)	
8/13/2025		0.74		0.22		
8/14/2025	0.2		0.23		0.45	2.4
Mean	0.1514	0.7993	0.1584	0.1057	0.341	1.723
Std. Dev.	0.074	0.09232	0.1581	0.04729	0.07329	0.7143
Upper Lim.	0.2	0.8416	0.1324	0.1274	0.3748	2.077
Lower Lim.	0.057	0.757	0.07335	0.08402	0.32	1.078

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27
3/8/2021					<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		1.4			0.028 (J)	
8/26/2021	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)	
3/3/2022	1.8			0.71		
3/4/2022		0.42	0.045 (J)		0.038 (J)	
6/6/2022	1.9		0.028 (J)	0.43		
6/7/2022		0.37			<0.2	
8/16/2022	1.8					
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	1.9					0.92
8/11/2023						1.1
8/15/2023					0.049 (J)	
8/17/2023	1.8	0.32	0.045 (J)	0.28		
2/14/2024		0.23		<0.2		
2/15/2024	2.2		<0.2		<0.2	1.2
7/31/2024			0.045 (J)	0.1 (J)	<0.2	
8/1/2024	<0.2					0.66
8/2/2024		<0.2				
2/12/2025		<0.2			<0.2	<0.2
2/13/2025	<0.2		<0.2	<0.2		
8/13/2025					<0.2	
8/18/2025		0.34		0.28		0.92
8/19/2025	2		0.18 (J)			
Mean	1.615	0.4738	0.08808	0.5669	0.1377	0.7743
Std. Dev.	0.6453	0.3617	0.06342	0.3939	0.08224	0.3791
Upper Lim.	1.875	0.5894	0.18	0.7773	0.2	1.225
Lower Lim.	1.183	0.2463	0.043	0.1962	0.038	0.324

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-28D	WAMW-1	WAMW-2	PZ-26D
10/16/2018			0.47	
10/18/2018		0.6		
3/9/2021				0.26
4/7/2021				0.22
8/17/2023				0.22
9/26/2023	1.6			
11/7/2023	2.1			
2/14/2024	<0.2			
2/15/2024				0.29 (J)
8/1/2024	<0.2			0.1 (J)
12/9/2024			0.27	
1/8/2025		0.33		
2/12/2025	<0.2	<0.2	0.13	
2/13/2025				<0.2
8/13/2025				0.33
8/14/2025	1.3	0.56		
8/19/2025			0.44	
Mean	0.9333	0.4225	0.3275	0.2171
Std. Dev.	0.843	0.1902	0.1584	0.08883
Upper Lim.	1.926	0.7964	0.6871	0.3227
Lower Lim.	0	0.04862	0	0.1116

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13
5/18/2016			<0.001			
5/19/2016	<0.001	<0.001		<0.001	<0.001	<0.001
7/20/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/14/2016		<0.001	<0.001	<0.001	<0.001	0.00055 (J)
9/15/2016	<0.001					
11/10/2016						0.00047 (J)
11/11/2016			<0.001	<0.001	<0.001	
11/14/2016	<0.001					
1/27/2017				<0.001	<0.001	<0.001
2/6/2017	<0.001		<0.001			
2/9/2017		<0.001				
3/15/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/11/2017		<0.001				
4/26/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/9/2017						<0.001
8/10/2017	<0.001	<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	0.00017 (J)		0.00023 (J)	0.00058 (J)	<0.001	0.00068 (J)
2/28/2019		0.00014 (J)				
4/3/2019	<0.001	<0.001		<0.001	<0.001	0.00047 (J)
4/4/2019			<0.001			
9/18/2019						0.00045 (J)
9/19/2019	<0.001	<0.001	0.00041 (J)	<0.001	<0.001	
2/5/2020		<0.001	0.00016 (J)	<0.001	<0.001	0.00045 (J)
2/7/2020	<0.001					
3/18/2020			0.00021 (J)	<0.001	<0.001	
3/19/2020	0.00016 (J)	<0.001				0.0006 (J)
9/22/2020	0.00013 (J)					
9/23/2020		<0.001	0.00013 (J)		<0.001	
9/24/2020				0.00037 (J)		<0.001
2/3/2021	0.00013 (J)			<0.001	<0.001	
2/4/2021		<0.001	0.00019 (J)			0.00038 (J)
3/11/2021	<0.001		0.00032 (J)			0.00075 (J)
3/12/2021		<0.001		0.00038 (J)	<0.001	
8/25/2021				0.00023 (J)	<0.001	0.00025 (J)
8/26/2021	0.00014 (J)	<0.001	0.00026 (J)			
3/3/2022	0.00052 (J)	<0.001	0.00025 (J)	<0.001		0.00023 (J)
3/4/2022					0.00033 (J)	
8/16/2022	0.00041 (J)			<0.001		
8/17/2022		<0.001				
8/18/2022					<0.001	0.0011
8/19/2022			0.0003 (J)			
2/15/2023		<0.001				
2/16/2023	0.00029 (J)		<0.001	<0.001	<0.001	0.00027 (J)
8/15/2023	<0.001					
8/16/2023		<0.001		<0.001	<0.001	0.00025 (J)
8/17/2023			<0.001			
2/13/2024	<0.001					
2/14/2024		<0.001			<0.001	
2/15/2024			0.0007 (J)			<0.001
2/16/2024				<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13
7/31/2024			<0.001	<0.001	<0.001	0.00026 (J)
8/1/2024	<0.001	<0.001				
2/11/2025	0.00023 (J)	<0.001		<0.001	<0.001	
2/12/2025						0.00022 (J)
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			
Mean	0.0007377	0.0009669	0.0006985	0.0009062	0.0009742	0.0006685
Std. Dev.	0.000376	0.0001687	0.0003727	0.0002299	0.0001314	0.0003248
Upper Lim.	0.001	0.001	0.001	0.001	0.001	0.001
Lower Lim.	0.00029	0.00014	0.00026	0.00058	0.00033	0.00038

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19	WGWC-22
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	
2/8/2017	<0.001					
2/23/2017	<0.001					
3/14/2017		<0.001		<0.001		
3/15/2017			<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	
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		
8/10/2017					<0.001	
3/29/2018	<0.001		<0.001		<0.001	
3/30/2018		<0.001		<0.001		
2/26/2019				0.00033 (J)		
2/27/2019	<0.001	<0.001	0.00014 (J)			
2/28/2019					<0.001	
4/2/2019					<0.001	
4/3/2019	<0.001					
4/4/2019		<0.001	<0.001	<0.001		
9/18/2019	<0.001	<0.001	<0.001	<0.001	<0.001	
2/5/2020	<0.001					
2/7/2020		<0.001	<0.001	<0.001	<0.001	
3/18/2020		<0.001	<0.001	0.0002 (J)		
3/19/2020	0.00017 (J)					
5/4/2020					<0.001	
9/23/2020		<0.001	<0.001	<0.001	<0.001	
9/24/2020	0.00018 (J)					
2/3/2021					<0.001	
2/4/2021	0.00013 (J)	0.0003 (J)	0.00013 (J)	<0.001		
3/11/2021	0.00031 (J)		<0.001	<0.001	<0.001	
3/12/2021		<0.001				
8/25/2021	0.00041 (J)		<0.001	<0.001		
8/26/2021		<0.001			<0.001	0.00022 (J)
1/11/2022						0.00023 (J)
3/3/2022	0.00057 (J)	<0.001	<0.001		0.0003 (J)	
3/4/2022				<0.001		0.00036 (J)
6/7/2022						<0.001
8/16/2022				<0.001		
8/17/2022		<0.001	<0.001		<0.001	
8/19/2022	0.00036 (J)					0.00037 (J)
2/15/2023		<0.001	<0.001			0.00023 (J)

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19	WGWC-22
2/16/2023	0.00024 (J)			<0.001	<0.001	
8/15/2023			<0.001			
8/16/2023	0.00022 (J)	<0.001		<0.001	<0.001	
8/17/2023						<0.001
2/14/2024						<0.001
2/15/2024	0.00029 (J)	<0.001	<0.001	<0.001	<0.001	
7/30/2024			<0.001			
7/31/2024		<0.001		<0.001	<0.001	
8/2/2024	<0.001					<0.001
2/11/2025				<0.001		
2/12/2025	<0.001		<0.001			<0.001
2/13/2025		<0.001			<0.001	
8/13/2025		<0.001		<0.001		
8/14/2025	<0.001		<0.001		<0.001	
8/18/2025						<0.001
Mean	0.0007262	0.0009731	0.0009335	0.0009435	0.0009731	0.0006736
Std. Dev.	0.0003621	0.0001373	0.0002351	0.0002006	0.0001373	0.000378
Upper Lim.	0.001	0.001	0.001	0.001	0.001	0.001
Lower Lim.	0.00031	0.0003	0.00014	0.00033	0.0003	0.00023

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-23	WGWC-24	WGWC-25	WGWC-28D	PZ-26D
8/26/2021	<0.001	0.0012	<0.001		
1/11/2022	<0.001	0.00082 (J)	<0.001		
3/3/2022		0.00076 (J)			
3/4/2022	<0.001		<0.001		
6/6/2022	<0.001	0.00047 (J)			
6/7/2022			<0.001		
8/17/2022	<0.001		<0.001		
8/18/2022		0.00032 (J)			
2/15/2023	0.0046	0.00056 (J)	<0.001		
8/15/2023			<0.001		
8/17/2023	<0.001	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		<0.001
7/31/2024	<0.001	0.00025 (J)	<0.001		
8/1/2024				<0.001	<0.001
2/12/2025			0.00065 (J)	<0.001	
2/13/2025	0.002	0.0005 (J)			0.001
8/13/2025			<0.001		<0.001
8/14/2025				<0.001	
8/18/2025		<0.001			
8/19/2025	<0.001				
Mean	0.001418	0.0005491	0.0009682	0.000844	0.001
Std. Dev.	0.001097	0.0002818	0.0001055	0.0003488	2.1E-11
Upper Lim.	0.002	0.0007839	0.001	0.001	0.001
Lower Lim.	0.001	0.0003143	0.001	0.00022	0.001

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13
5/18/2016			0.032 (J)			
5/19/2016	0.0215 (J)	0.0335 (J)		<0.02	<0.05	<0.02
7/20/2016	0.026	0.024	0.021	<0.02	0.0057	<0.02
9/14/2016		0.039	0.02	<0.02	0.0077	<0.02
9/15/2016	0.057					
11/10/2016						0.0038 (J)
11/11/2016			0.017	<0.02	0.007	
11/14/2016	0.017					
1/27/2017				<0.02	0.0074	<0.02
2/6/2017	0.012		0.016			
2/9/2017		0.04				
3/15/2017	0.014	0.035	0.014	<0.02	0.0077	<0.02
4/11/2017		0.034				
4/26/2017	0.0091	0.029	0.011	<0.02	0.0011	<0.02
8/9/2017						<0.02
8/10/2017	0.013	0.038	0.011	<0.02	0.0064	
3/29/2018	0.018	0.048		0.0018 (J)	0.01	0.0022 (J)
3/30/2018			0.016			
6/14/2018	0.015	0.034	0.0084	0.0011 (J)	0.0062	0.0018 (J)
10/4/2018	0.013	0.039	0.0085	0.0014 (J)	0.0066	0.0025 (J)
2/27/2019	0.014		0.0068	<0.02	0.0068	<0.02
2/28/2019		0.037				
4/3/2019	0.015	0.035		<0.02	0.0075	<0.02
4/4/2019			0.0059			
9/18/2019						<0.02
9/19/2019	0.014	0.036	0.0075	<0.02	0.0067	
2/5/2020		0.034	0.0061	<0.02	0.0063	<0.02
2/7/2020	0.014					
3/18/2020			0.0071	<0.02	0.0081	
3/19/2020	0.015	0.039				<0.02
9/22/2020	0.013					
9/23/2020		0.033	0.0054		0.007	
9/24/2020				<0.02		<0.02
2/3/2021	0.014			<0.02	0.0075	
2/4/2021		0.035	0.0049 (J)			<0.02
3/11/2021	0.013		0.0051			0.0037 (J)
3/12/2021		0.034		<0.02	0.0089	
8/25/2021				<0.02	0.0061	<0.02
8/26/2021	0.013	0.03	0.0044 (J)			
3/3/2022	0.014	0.03	0.0038 (J)	<0.02		0.0018 (J)
3/4/2022					0.0061	
8/16/2022	0.014			0.00092 (J)		
8/17/2022		0.028				
8/18/2022					0.0063	0.0024 (J)
8/19/2022			0.0049 (J)			
2/15/2023		0.033				
2/16/2023	0.01		0.0025 (J)	<0.02	0.0036 (J)	<0.02
8/15/2023	0.0084					
8/16/2023		0.03		<0.02	0.0056	<0.02
8/17/2023			0.0024 (J)			
2/13/2024	0.012					
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 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13
2/15/2024			0.0088			<0.02
2/16/2024				<0.02		
7/31/2024			0.0048 (J)	0.0025 (J)	0.0089	0.0026 (J)
8/1/2024	0.016	0.032				
2/11/2025	0.011	0.029		<0.02	0.0032 (J)	
2/12/2025						<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)			
Mean	0.01593	0.03391	0.009396	0.0167	0.007171	0.01503
Std. Dev.	0.008833	0.004884	0.006894	0.007202	0.003929	0.008014
Upper Lim.	0.016	0.03619	0.01138	0.02	0.0075	0.02
Lower Lim.	0.013	0.03163	0.005876	0.0025	0.0061	0.0038

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19	WGWC-20
5/18/2016		<0.005	<0.005	<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	
2/8/2017	0.0039 (J)					
2/23/2017	<0.02					
3/14/2017		0.0057		0.0048 (J)		
3/15/2017			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	<0.02				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		0.0068	0.013	0.0067		
8/10/2017					0.056	
3/29/2018	0.0025 (J)		0.015		0.072	
3/30/2018		0.0077		0.0067		
6/14/2018	0.0018 (J)	0.0052	0.009	0.0046 (J)	0.048	
10/3/2018		0.006				
10/4/2018	0.0016 (J)		0.012	0.005	0.062	
2/26/2019				0.0063		
2/27/2019	<0.02	0.0055	0.0075			
2/28/2019					0.045	
4/2/2019					0.052	
4/3/2019	0.0015 (J)					
4/4/2019		0.0054	0.0077	0.0042 (J)		
9/18/2019	<0.02	0.0054	0.0056	0.0047 (J)	0.052	
2/5/2020	<0.02					
2/7/2020		0.0068	0.0053	0.0045 (J)	0.044	
3/18/2020		0.0086	0.0057	0.0054		
3/19/2020	<0.02					
5/4/2020					0.049	
9/23/2020		0.0071	0.0059	0.0056	0.056	
9/24/2020	<0.02					
2/3/2021					0.06	
2/4/2021	<0.02	0.0086	0.0051	0.0047 (J)		
3/8/2021						0.11
3/11/2021	0.0035 (J)		0.005	0.0049 (J)	0.051	
3/12/2021		0.0096				
4/8/2021						0.11
8/25/2021	<0.02		0.0046 (J)	0.0048 (J)		
8/26/2021		0.0059			0.057	0.11
1/12/2022						0.15
3/3/2022	0.0019 (J)	0.0068	0.0041 (J)		0.057	
3/4/2022				0.0042 (J)		0.14

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19	WGWC-20
6/7/2022						0.12
8/16/2022				0.0053		
8/17/2022		0.0073	0.0042 (J)		0.056	
8/18/2022						0.11
8/19/2022	0.0021 (J)					
2/15/2023		0.0062	0.0044 (J)			
2/16/2023	<0.02			0.0026 (J)	0.053	0.14
8/11/2023						0.13
8/15/2023			<0.005			
8/16/2023	<0.02	0.0055		0.0031 (J)	0.062	
2/13/2024						0.15
2/15/2024	<0.02	0.0055	0.0032 (J)	0.0026 (J)	0.056	
7/30/2024			<0.005			
7/31/2024		0.01		0.0029 (J)	0.067	0.16
8/2/2024	<0.02					
2/11/2025				0.0034 (J)		
2/12/2025	<0.02		0.0024 (J)			0.14
2/13/2025		0.0052			0.06	
8/13/2025		0.01 (J)		0.006 (J)		
8/14/2025	<0.02		0.0038 (J)		0.07	0.2
Mean	0.01436	0.0064	0.006936	0.005496	0.05414	0.1362
Std. Dev.	0.008358	0.001898	0.003712	0.003993	0.007721	0.02599
Upper Lim.	0.02	0.007287	0.00867	0.0056	0.05775	0.1555
Lower Lim.	0.0035	0.005513	0.005201	0.0042	0.05054	0.1168

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27
3/8/2021					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		0.0081			0.0044 (J)	
8/26/2021	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)	
3/3/2022	0.044			0.0066		
3/4/2022		0.011	0.0015 (J)		0.0035 (J)	
6/6/2022	0.051		0.002 (J)	0.0044 (J)		
6/7/2022		0.0093			0.004 (J)	
8/16/2022	0.059					
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	0.053					0.024
8/11/2023						0.036
8/15/2023					<0.005	
8/17/2023	0.061	0.0069	<0.02	0.0022 (J)		
2/14/2024		0.0028 (J)		0.0044 (J)		
2/15/2024	0.074		0.0044 (J)		0.0063	0.038
7/31/2024			0.0042 (J)	0.0067	0.0037 (J)	
8/1/2024	0.068					0.029
8/2/2024		0.0086				
2/12/2025		0.0069			<0.005	0.026
2/13/2025	0.065		<0.02	0.0034 (J)		
8/13/2025					0.004 (J)	
8/18/2025		0.011 (J)		0.004 (J)		0.031
8/19/2025	0.11		<0.02			
Mean	0.065	0.008969	0.01337	0.005762	0.0043	0.02731
Std. Dev.	0.0192	0.002403	0.008768	0.002192	0.0008266	0.01019
Upper Lim.	0.08221	0.01063	0.02	0.007391	0.004617	0.03942
Lower Lim.	0.0479	0.007659	0.0017	0.004132	0.003431	0.01521

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-28D	WAMW-1	WAMW-2	PZ-26D
10/16/2018			0.023	
10/18/2018		0.026		
8/17/2023				0.028
9/26/2023	0.18			
11/7/2023	0.21			
2/14/2024	0.21			
2/15/2024				0.031
8/1/2024	0.2			0.032
12/9/2024			0.019	
1/8/2025		0.033		
2/12/2025	0.19	<0.005	0.035	
2/13/2025				0.024
8/13/2025				0.037
8/14/2025	0.47	0.045		
8/19/2025			0.029	
Mean	0.2433	0.02725	0.0265	0.0304
Std. Dev.	0.1117	0.01678	0.007	0.004827
Upper Lim.	0.47	0.06024	0.04239	0.03849
Lower Lim.	0.18	0	0.01061	0.02231

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13
5/18/2016			<0.0002			
5/19/2016	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002
7/20/2016	<0.0002	<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
9/15/2016	0.00011 (J)					
11/10/2016						8.3E-05 (J)
11/11/2016			8.5E-05 (J)	0.00011 (J)	7.9E-05 (J)	
11/14/2016	<0.0002					
1/27/2017				<0.0002	<0.0002	<0.0002
2/6/2017	7.8E-05 (J)		8.3E-05 (J)			
2/9/2017		<0.0002				
3/15/2017	0.00013 (J)	0.00013 (J)	0.00013 (J)	<0.0002	0.00018 (J)	<0.0002
4/11/2017		<0.0002				
4/26/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/9/2017						<0.0002
8/10/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
3/29/2018	<0.0002	<0.0002		<0.0002	0.00011 (J)	<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
2/7/2020	<0.0002					
3/18/2020			<0.0002	<0.0002	<0.0002	
3/19/2020	<0.0002	<0.0002				<0.0002
9/22/2020	<0.0002					
9/23/2020		<0.0002	<0.0002		<0.0002	
9/24/2020				<0.0002		<0.0002
2/3/2021	<0.0002			<0.0002	<0.0002	
2/4/2021		<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			<0.0002		
8/17/2022		<0.0002				
8/18/2022					<0.0002	<0.0002
8/19/2022			<0.0002			
2/15/2023		<0.0002				
2/16/2023	<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
8/17/2023			<0.0002			
2/13/2024	<0.0002					
2/14/2024		<0.0002			<0.0002	
2/15/2024			<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	<0.0002				
2/11/2025	<0.0002	<0.0002		<0.0002	<0.0002	
2/12/2025						<0.0002
2/13/2025			<0.0002			
8/14/2025	<0.0002					<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13
8/15/2025					<0.0002	
8/18/2025				<0.0002		
8/19/2025		<0.0002	<0.0002			
Mean	0.0001882	0.0001971	0.0001825	0.0001913	0.0001866	0.0001902
Std. Dev.	3.268E-05	1.429E-05	4.085E-05	2.965E-05	3.423E-05	3.332E-05
Upper Lim.	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Lower Lim.	0.00013	0.00013	0.00013	0.00011	0.00018	8.3E-05

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19	WGWC-20
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)	
2/8/2017	<0.0002					
2/23/2017	<0.0002					
3/14/2017		7.1E-05 (J)		<0.0002		
3/15/2017			<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	
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		
8/10/2017					<0.0002	
3/29/2018	<0.0002		<0.0002		<0.0002	
3/30/2018		8.6E-05 (J)		<0.0002		
6/14/2018	<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	
2/26/2019				<0.0002		
2/27/2019	<0.0002	<0.0002	<0.0002			
2/28/2019					<0.0002	
2/5/2020	<0.0002					
2/7/2020		<0.0002	<0.0002	<0.0002	<0.0002	
3/18/2020		<0.0002	<0.0002	<0.0002		
3/19/2020	<0.0002					
5/4/2020					<0.0002	
9/23/2020		<0.0002	<0.0002	<0.0002	<0.0002	
9/24/2020	<0.0002					
2/3/2021					<0.0002	
2/4/2021	<0.0002	<0.0002	<0.0002	<0.0002		
8/26/2021						0.00033
1/12/2022						<0.0002
3/3/2022	<0.0002	<0.0002	<0.0002		<0.0002	
3/4/2022				<0.0002		<0.0002
6/7/2022						<0.0002
8/16/2022				<0.0002		
8/17/2022		<0.0002	<0.0002		<0.0002	
8/18/2022						<0.0002
8/19/2022	<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			

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19	WGWC-20
8/16/2023	<0.0002	<0.0002		<0.0002	<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
8/2/2024	<0.0002					
2/11/2025				<0.0002		
2/12/2025	<0.0002		<0.0002			<0.0002
2/13/2025		<0.0002			<0.0002	
8/13/2025		<0.0002		<0.0002		
8/14/2025	<0.0002		<0.0002		<0.0002	<0.0002
Mean	0.0001971	0.0001806	0.0001908	0.0001947	0.0001915	0.0002118
Std. Dev.	1.429E-05	4.438E-05	3.049E-05	2.572E-05	2.952E-05	3.92E-05
Upper Lim.	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Lower Lim.	0.00013	9.3E-05	0.00019	7.4E-05	0.00012	0.0002

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25
8/26/2021	0.0002	0.00018 (J)	0.00022	0.00026	0.0019
1/11/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/3/2022	<0.0002			<0.0002	
3/4/2022		<0.0002	<0.0002		<0.0002
6/6/2022	<0.0002		<0.0002	<0.0002	
6/7/2022		<0.0002			<0.0002
8/16/2022	<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
2/16/2023	<0.0002				
8/15/2023					<0.0002
8/17/2023	<0.0002	<0.0002	<0.0002	<0.0002	
2/14/2024		<0.0002		<0.0002	
2/15/2024	<0.0002		<0.0002		<0.0002
7/31/2024			<0.0002	<0.0002	<0.0002
8/1/2024	<0.0002				
8/2/2024		<0.0002			
2/12/2025		<0.0002			<0.0002
2/13/2025	<0.0002		<0.0002	<0.0002	
8/13/2025					<0.0002
8/18/2025		<0.0002		<0.0002	
8/19/2025	<0.0002		<0.0002		
Mean	0.0002	0.0001982	0.0002018	0.0002055	0.0003545
Std. Dev.	1.5E-12	6.03E-06	6.03E-06	1.809E-05	0.0005126
Upper Lim.	0.0002	0.0002	0.0002	0.0002	0.0002
Lower Lim.	0.0002	0.0002	0.0002	0.0002	0.0002

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 10/22/2025 3:46 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	<0.015	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	<0.015		
1/27/2017			<0.005	<0.015	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	<0.015	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	<0.015	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	<0.015	0.0028 (J)	<0.005
3/30/2018		<0.005				
6/14/2018	0.0046 (J)	<0.005	<0.005	<0.015	0.0018 (J)	<0.005
10/4/2018	0.003 (J)	<0.005	<0.005	<0.015	<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	<0.015	<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	<0.015	0.0012 (J)	<0.005
3/18/2020		<0.005	<0.005	<0.015		
3/19/2020	0.0042 (J)				0.0018 (J)	<0.005
9/23/2020	0.0027 (J)	<0.005		<0.015		
9/24/2020			0.0017 (J)		<0.015	<0.005
2/3/2021			<0.005	<0.015		
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	<0.015	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				<0.015		
8/16/2022			<0.005			
8/17/2022	0.0027 (J)					
8/18/2022				<0.015	0.00087 (J)	
8/19/2022		<0.005				<0.005
2/15/2023	0.0025 (J)					
2/16/2023		<0.005	<0.005	<0.015	0.0013 (J)	<0.005
8/16/2023	0.0031 (J)		<0.005	<0.015	0.0012 (J)	<0.005
8/17/2023		<0.005				
2/14/2024	0.0033 (J)			<0.015		

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 10/22/2025 3:46 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	<0.015	0.0011 (J)	
8/1/2024	0.0028 (J)					
8/2/2024						<0.005
2/11/2025	0.0033 (J)		<0.005	<0.015		
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				
Mean	0.004576	0.004709	0.004743	0.01158	0.002412	0.004857
Std. Dev.	0.003077	0.00107	0.0009477	0.006075	0.001984	0.0007559
Upper Lim.	0.0048	0.005	0.005	0.015	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 10/22/2025 3:46 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 10/22/2025 3:46 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	
Mean	0.004432	0.003658	0.004746	0.009833	0.033	0.004913
Std. Dev.	0.003136	0.002283	0.006032	0.00717	0.006465	0.001657
Upper Lim.	0.00484	0.0044	0.0022	0.015	0.03839	0.005
Lower Lim.	0.002913	0.0023	0.0012	0.00079	0.02761	0.005

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-28D	PZ-26D
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)	
2/13/2025		0.0027 (J)
8/13/2025		0.0027 (J)
8/14/2025	0.0082	
Mean	0.01066	0.00262
Std. Dev.	0.004125	0.0001643
Upper Lim.	0.018	0.002895
Lower Lim.	0.0082	0.002345

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-14A
5/18/2016			<0.005			
5/19/2016	0.00518 (J)	0.00228 (J)		<0.005	<0.005	
7/20/2016	0.0038	0.0016	<0.005	<0.005	<0.005	
9/14/2016		0.0024	<0.005	<0.005	<0.005	
9/15/2016	0.0034					
11/11/2016			<0.005	<0.005	<0.005	
11/14/2016	0.0033					
1/27/2017				<0.005	<0.005	
2/6/2017	0.0033		<0.005			
2/8/2017						<0.005
2/9/2017		0.0023				
2/23/2017						<0.005
3/15/2017	0.003	0.0031	<0.005	<0.005	<0.005	
3/17/2017						<0.005
4/11/2017		0.0023				<0.005
4/26/2017	0.0032	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
8/10/2017	0.0031	0.0021	0.00031 (J)	0.00049 (J)	0.0021	
3/29/2018	0.0034	0.0021		<0.005	<0.005	0.0003 (J)
3/30/2018			<0.005			
6/14/2018	0.0031	0.0025	<0.005	<0.005	<0.005	<0.005
10/4/2018	0.0033	0.002	<0.005	<0.005	<0.005	<0.005
2/27/2019	0.0035		<0.005	<0.005	<0.005	<0.005
2/28/2019		0.0027				
4/3/2019	0.0031	0.0019		<0.005	<0.005	<0.005
4/4/2019			<0.005			
9/18/2019						<0.005
9/19/2019	0.0021 (J)	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	0.0048 (J)					
3/18/2020			<0.005	<0.005	<0.005	
3/19/2020	0.0037 (J)	0.0033 (J)				<0.005
9/22/2020	0.0039 (J)					
9/23/2020		0.0029 (J)	<0.005		<0.005	
9/24/2020				<0.005		<0.005
2/3/2021	0.0036 (J)			<0.005	<0.005	
2/4/2021		0.003 (J)	<0.005			<0.005
3/11/2021	0.0038 (J)		<0.005			<0.005
3/12/2021		0.0034 (J)		<0.005	<0.005	
8/25/2021				<0.005	<0.005	<0.005
8/26/2021	0.0037 (J)	0.0028 (J)	<0.005			
3/3/2022	0.0038 (J)	0.0021 (J)	<0.005	<0.005		<0.005
3/4/2022					<0.005	
8/16/2022	0.0075			<0.005		
8/17/2022		0.0022 (J)				
8/18/2022					<0.005	
8/19/2022			<0.005			<0.005
2/15/2023		0.0037 (J)				
2/16/2023	0.0033 (J)		<0.005	<0.005	<0.005	<0.005
8/15/2023	0.0037 (J)					

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-8	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-14A
8/16/2023		0.0036 (J)		<0.005	<0.005	<0.005
8/17/2023			<0.005			
2/13/2024	0.007					
2/14/2024		0.0022 (J)			<0.005	
2/15/2024			<0.005			<0.005
2/16/2024				<0.005		
7/31/2024			<0.005	<0.005	<0.005	
8/1/2024	0.0071	0.0032 (J)				
8/2/2024						<0.005
2/11/2025	0.0048 (J)	0.0029 (J)		<0.005	<0.005	
2/12/2025						<0.005
2/13/2025			<0.005			
8/14/2025	0.0062					<0.005
8/15/2025					<0.005	
8/18/2025				<0.005		
8/19/2025		0.0026 (J)	<0.005			
Mean	0.00406	0.002606	0.004832	0.004839	0.004896	0.004832
Std. Dev.	0.001353	0.0005634	0.0008863	0.0008523	0.000548	0.0008882
Upper Lim.	0.0039	0.00287	0.005	0.005	0.005	0.005
Lower Lim.	0.0033	0.002343	0.00031	0.00049	0.0021	0.0003

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-16	WGWC-19	WGWC-20	WGWC-22	WGWC-23
5/18/2016	<0.005	0.00735 (J)				
7/19/2016	<0.005	0.0075				
9/14/2016	<0.005	0.0091				
11/10/2016	<0.005	0.0056				
11/11/2016			<0.005			
1/24/2017	<0.005	0.012				
2/6/2017			<0.005			
3/14/2017	<0.005					
3/15/2017		0.012	<0.005			
4/11/2017			<0.005			
4/25/2017	<0.005	0.013				
4/26/2017			<0.005			
6/7/2017			<0.005			
7/11/2017			<0.005			
8/9/2017	<0.005	0.016				
8/10/2017			0.00036 (J)			
3/29/2018		0.016	<0.005			
3/30/2018	<0.005					
6/14/2018	0.0005 (J)	0.012	<0.005			
10/3/2018	<0.005					
10/4/2018		0.013	<0.005			
2/27/2019	<0.005	0.0081				
2/28/2019			<0.005			
4/2/2019			<0.005			
4/4/2019	<0.005	0.0091				
9/18/2019	<0.005	0.0044 (J)	<0.005			
2/7/2020	<0.005	0.0036 (J)	<0.005			
3/18/2020	<0.005	0.0046 (J)				
5/4/2020			<0.005			
9/23/2020	<0.005	0.0028 (J)	<0.005			
2/3/2021			<0.005			
2/4/2021	<0.005	0.0023 (J)				
3/11/2021		0.0023 (J)	<0.005			
3/12/2021	<0.005					
8/25/2021		0.0019 (J)				
8/26/2021	<0.005		<0.005	0.0016 (J)	0.0049 (J)	0.002 (J)
1/11/2022					0.0065	0.0024 (J)
1/12/2022				<0.005		
3/3/2022	<0.005	0.0018 (J)	<0.005			
3/4/2022				0.0014 (J)	0.0072	0.002 (J)
6/6/2022						0.0018 (J)
6/7/2022				0.0014 (J)	0.0047 (J)	
8/17/2022	<0.005	<0.005	<0.005			0.0013 (J)
8/18/2022				0.0027 (J)		
8/19/2022					0.0035 (J)	
2/15/2023	<0.005	0.0019 (J)			0.0077	0.0026 (J)
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		<0.005			
8/17/2023					0.0038 (J)	0.0024 (J)
2/13/2024				0.0035 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-16	WGWC-19	WGWC-20	WGWC-22	WGWC-23
2/14/2024					0.0041 (J)	
2/15/2024	<0.005	<0.005	<0.005			0.003 (J)
7/30/2024		0.0015 (J)				
7/31/2024	<0.005		<0.005	0.0043 (J)		0.0027 (J)
8/2/2024					0.0036 (J)	
2/12/2025		<0.005		0.0026 (J)	0.003 (J)	
2/13/2025	<0.005		<0.005			0.0031 (J)
8/13/2025	<0.005					
8/14/2025		<0.005	<0.005	0.0032 (J)		
8/18/2025					0.0025 (J)	
8/19/2025						<0.005
Mean	0.004839	0.006416	0.004834	0.002409	0.004682	0.002345
Std. Dev.	0.0008504	0.004773	0.0008769	0.0009679	0.001734	0.0005336
Upper Lim.	0.005	0.0091	0.005	0.003216	0.006127	0.00279
Lower Lim.	0.0005	0.0023	0.00036	0.001602	0.003237	0.001901

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-24	WGWC-28D
8/26/2021	<0.005	
1/11/2022	<0.005	
3/3/2022	0.00077 (J)	
6/6/2022	<0.005	
8/18/2022	<0.005	
2/15/2023	<0.005	
8/17/2023	<0.005	
9/26/2023		<0.005
2/14/2024	<0.005	<0.005
7/31/2024	<0.005	
8/1/2024		<0.005
2/12/2025		<0.005
2/13/2025	<0.005	
8/14/2025		0.0066
8/18/2025	<0.005	
Mean	0.004615	0.00532
Std. Dev.	0.001275	0.0007155
Upper Lim.	0.005	0.0066
Lower Lim.	0.005	0.005

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-14A	WGWC-16	WGWC-19	WGWC-22
5/18/2016	<0.001			<0.001		
5/19/2016		<0.001				
7/19/2016				8.5E-05 (J)		
7/20/2016	<0.001	<0.001				
9/14/2016	<0.001	<0.001		0.00017 (J)		
11/10/2016				0.00017 (J)		
11/11/2016	<0.001	<0.001			<0.001	
1/24/2017				0.00023 (J)		
1/27/2017		<0.001				
2/6/2017	<0.001				<0.001	
2/8/2017			0.00011 (J)			
2/23/2017			0.00012 (J)			
3/15/2017	<0.001	<0.001		0.00021 (J)	<0.001	
3/17/2017			<0.001			
4/11/2017			<0.001		<0.001	
4/25/2017				0.00024 (J)		
4/26/2017	<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				0.0002 (J)		
8/10/2017	<0.001	<0.001			<0.001	
3/29/2018		<0.001	0.0002 (J)	0.00019 (J)	<0.001	
3/30/2018	8.5E-05 (J)					
6/14/2018	<0.001	<0.001	0.00014 (J)	0.00017 (J)	<0.001	
10/4/2018	<0.001	<0.001	0.00013 (J)	0.00015 (J)	<0.001	
2/27/2019	<0.001	<0.001	0.00016 (J)	0.00015 (J)		
2/28/2019					<0.001	
4/2/2019					<0.001	
4/3/2019		<0.001	0.00012 (J)			
4/4/2019	<0.001			9.5E-05 (J)		
9/18/2019			<0.001	<0.001	<0.001	
9/19/2019	<0.001	<0.001				
2/5/2020	<0.001	<0.001	0.00022 (J)			
2/7/2020				<0.001	<0.001	
3/18/2020	<0.001	<0.001		<0.001		
3/19/2020			0.00017 (J)			
5/4/2020					<0.001	
9/23/2020	<0.001			<0.001	<0.001	
9/24/2020		<0.001	<0.001			
2/3/2021		0.00016 (J)			0.00018 (J)	
2/4/2021	<0.001		0.00021 (J)	<0.001		
3/11/2021	<0.001		0.00019 (J)	<0.001	<0.001	
3/12/2021		<0.001				
8/25/2021		<0.001	<0.001	<0.001		
8/26/2021	<0.001				<0.001	<0.001
1/11/2022						<0.001
3/3/2022	<0.001	<0.001	<0.001	<0.001	<0.001	
3/4/2022						0.00047 (J)
6/7/2022						<0.001
8/16/2022		<0.001				
8/17/2022				<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-14A	WGWC-16	WGWC-19	WGWC-22
8/19/2022	<0.001		<0.001			<0.001
2/15/2023				<0.001		<0.001
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	
8/17/2023	<0.001					<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	
8/2/2024			<0.001			<0.001
2/11/2025		<0.001				
2/12/2025			<0.001	<0.001		<0.001
2/13/2025	<0.001				<0.001	
8/14/2025			<0.001	<0.001	<0.001	
8/18/2025		0.00049 (J)				<0.001
8/19/2025	<0.001					
Mean	0.0009673	0.0009518	0.0006704	0.000645	0.0009707	0.0009518
Std. Dev.	0.0001729	0.0001826	0.000418	0.0004185	0.000155	0.0001598
Upper Lim.	0.001	0.001	0.001	0.001	0.001	0.001
Lower Lim.	8.5E-05	0.00049	0.00019	0.00019	0.00018	0.001

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 10/22/2025 3:46 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-24
8/26/2021	0.00072 (J)
1/11/2022	0.00062 (J)
3/3/2022	0.0006 (J)
6/6/2022	0.00052 (J)
8/18/2022	0.0003 (J)
2/15/2023	0.00045 (J)
8/17/2023	0.00028 (J)
2/14/2024	0.00033 (J)
7/31/2024	0.00031 (J)
2/13/2025	<0.001
8/18/2025	0.00027 (J)
Mean	0.0004455
Std. Dev.	0.0001579
Upper Lim.	0.000577
Lower Lim.	0.0003139

ND substitution: RL or RL/2 if <15% NDs.

FIGURE J.

Appendix IV Trend Test - Confidence Interval Exceedances - Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:53 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Beryllium (mg/L)	**WGWC-24**	**-0.002748**	**-36**	**-27**	**Yes**	**11**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-1 (bg)**	**-0.00006982**	**-247**	**-101**	**Yes**	**28**	**3.571**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-2 (bg)**	**-0.00008323**	**-236**	**-101**	**Yes**	**28**	**10.71**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-5 (bg)**	**-0.0002865**	**-116**	**-76**	**Yes**	**23**	**4.348**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-18 (bg)**	**-0.0002828**	**-189**	**-101**	**Yes**	**28**	**10.71**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWC-24**	**-0.02444**	**-37**	**-27**	**Yes**	**11**	**0**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	**WGWC-19**	**0.00178**	**169**	**101**	**Yes**	**28**	**0**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	**WGWC-20**	**0.01243**	**42**	**34**	**Yes**	**13**	**0**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	**WGWC-21**	**0.01518**	**70**	**34**	**Yes**	**13**	**0**	**n/a**	**0.05**	**NP**

Appendix IV Trend Test - Confidence Interval Exceedances - All Results

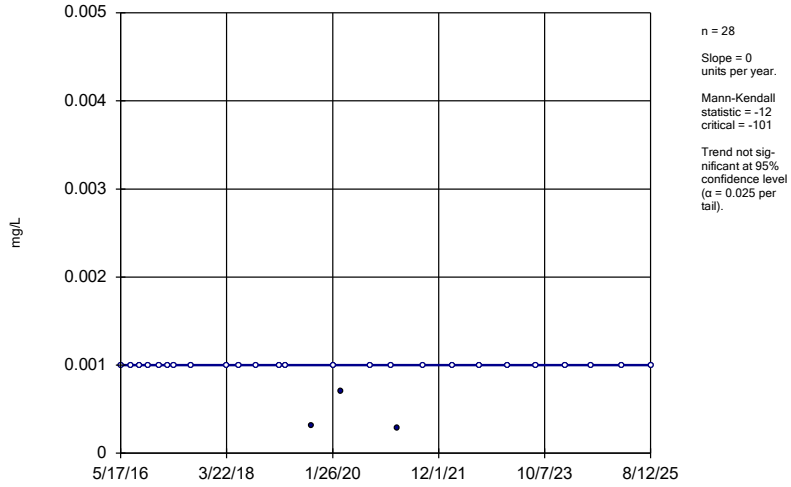
Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 10/22/2025, 3:53 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Beryllium (mg/L)	WGWA-1 (bg)	0	-12	-101	No	28	89.29	n/a	0.05	NP
Beryllium (mg/L)	WGWA-2 (bg)	0	-10	-101	No	28	89.29	n/a	0.05	NP
Beryllium (mg/L)	WGWA-3 (bg)	0	-13	-101	No	28	92.86	n/a	0.05	NP
Beryllium (mg/L)	WGWA-4 (bg)	0	0	101	No	28	100	n/a	0.05	NP
Beryllium (mg/L)	WGWA-5 (bg)	0	-2	-85	No	25	96	n/a	0.05	NP
Beryllium (mg/L)	WGWA-6 (bg)	0	-1	-101	No	28	96.43	n/a	0.05	NP
Beryllium (mg/L)	WGWA-7 (bg)	0	-1	-101	No	28	96.43	n/a	0.05	NP
Beryllium (mg/L)	WGWA-18 (bg)	0	0	101	No	28	100	n/a	0.05	NP
Beryllium (mg/L)	WGWC-20	0.0002015	7	27	No	11	0	n/a	0.05	NP
Beryllium (mg/L)	**WGWC-24**	**-0.002748**	**-36**	**-27**	**Yes**	**11**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-1 (bg)**	**-0.00006982**	**-247**	**-101**	**Yes**	**28**	**3.571**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-2 (bg)**	**-0.00008323**	**-236**	**-101**	**Yes**	**28**	**10.71**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	WGWA-3 (bg)	0	0	101	No	28	100	n/a	0.05	NP
Cobalt (mg/L)	WGWA-4 (bg)	0	5	101	No	28	96.43	n/a	0.05	NP
Cobalt (mg/L)	**WGWA-5 (bg)**	**-0.0002865**	**-116**	**-76**	**Yes**	**23**	**4.348**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	WGWA-6 (bg)	0	16	101	No	28	85.71	n/a	0.05	NP
Cobalt (mg/L)	WGWA-7 (bg)	0	-18	-101	No	28	64.29	n/a	0.05	NP
Cobalt (mg/L)	**WGWA-18 (bg)**	**-0.0002828**	**-189**	**-101**	**Yes**	**28**	**10.71**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWC-24**	**-0.02444**	**-37**	**-27**	**Yes**	**11**	**0**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	WGWA-1 (bg)	-0.0000226	-52	-96	No	27	33.33	n/a	0.05	NP
Lithium (mg/L)	WGWA-2 (bg)	0	7	96	No	27	0	n/a	0.05	NP
Lithium (mg/L)	WGWA-3 (bg)	0	28	96	No	27	88.89	n/a	0.05	NP
Lithium (mg/L)	WGWA-4 (bg)	0	4	96	No	27	11.11	n/a	0.05	NP
Lithium (mg/L)	WGWA-5 (bg)	0	0	76	No	23	95.65	n/a	0.05	NP
Lithium (mg/L)	WGWA-6 (bg)	0.00003621	21	90	No	26	11.54	n/a	0.05	NP
Lithium (mg/L)	WGWA-7 (bg)	0	12	96	No	27	96.3	n/a	0.05	NP
Lithium (mg/L)	WGWA-18 (bg)	0	-13	-96	No	27	81.48	n/a	0.05	NP
Lithium (mg/L)	**WGWC-19**	**0.00178**	**169**	**101**	**Yes**	**28**	**0**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	**WGWC-20**	**0.01243**	**42**	**34**	**Yes**	**13**	**0**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	**WGWC-21**	**0.01518**	**70**	**34**	**Yes**	**13**	**0**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	WGWC-28D	0.02355	4	12	No	6	0	n/a	0.05	NP

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Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 28

Slope = 0 units per year.

Mann-Kendall statistic = -12
critical = -101

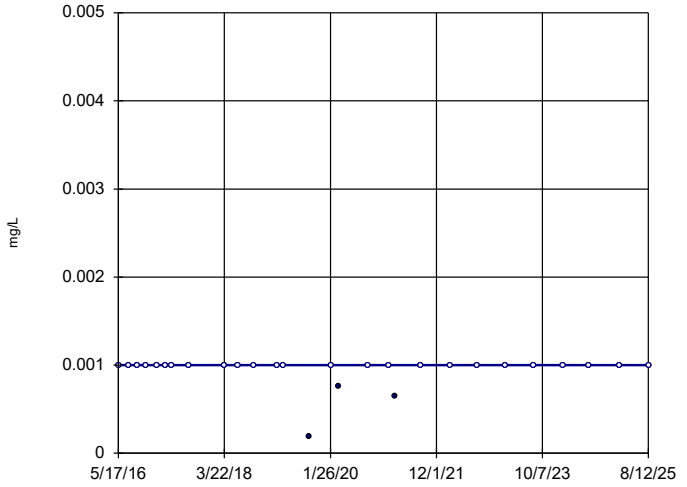
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Beryllium Analysis Run 10/22/2025 3:51 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 = 28

Slope = 0 units per year.

Mann-Kendall statistic = -10
critical = -101

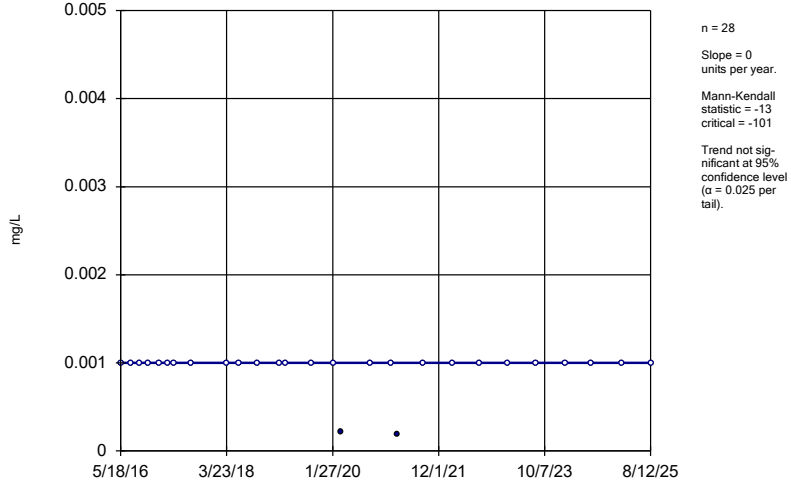
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Beryllium Analysis Run 10/22/2025 3:51 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 = 28

Slope = 0 units per year.

Mann-Kendall statistic = -13
critical = -101

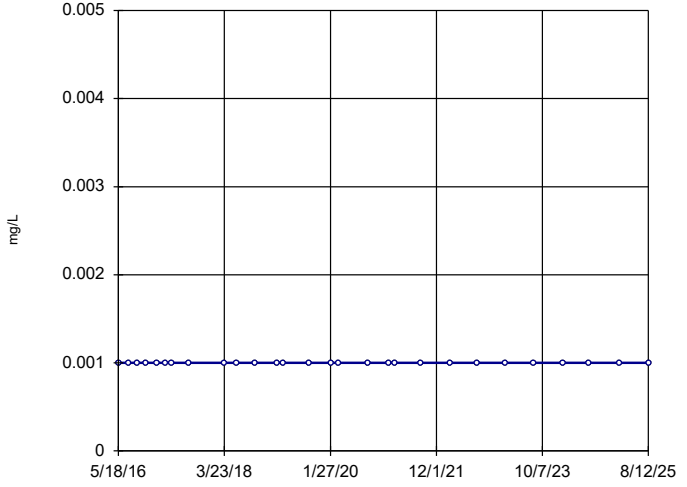
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Beryllium Analysis Run 10/22/2025 3:51 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 = 28

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 101

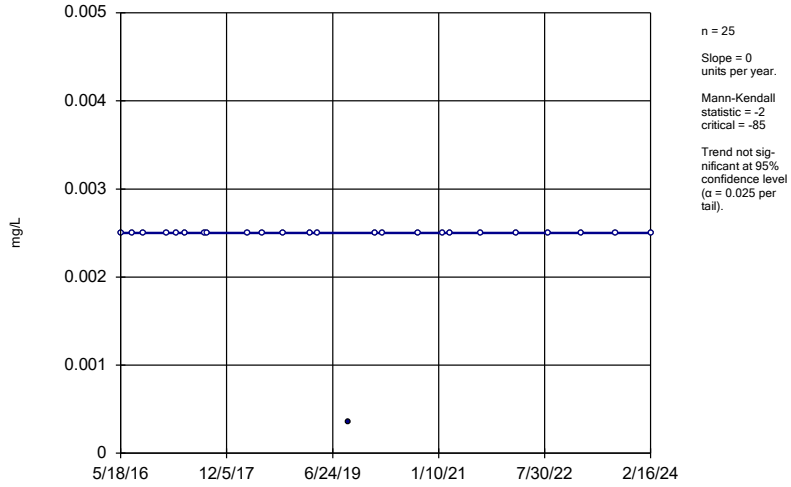
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Beryllium Analysis Run 10/22/2025 3:51 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

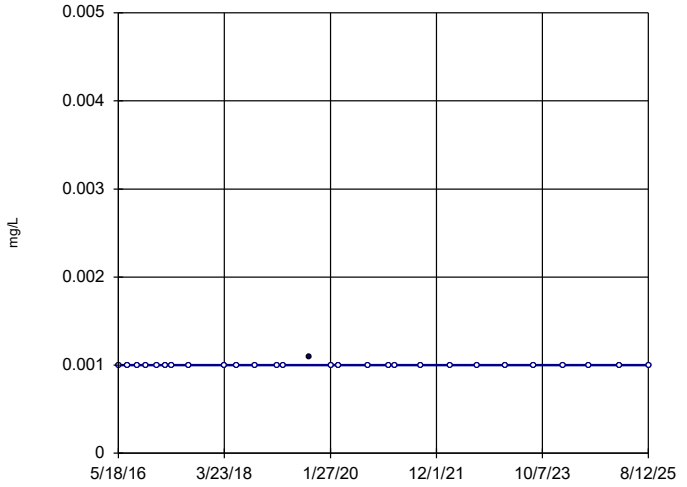
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Beryllium Analysis Run 10/22/2025 3:51 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 = 28

Slope = 0 units per year.

Mann-Kendall statistic = -1
critical = -101

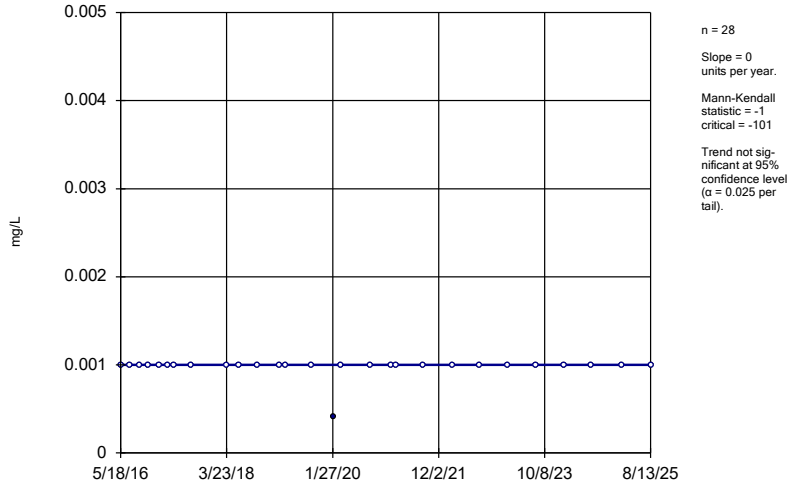
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Beryllium Analysis Run 10/22/2025 3:51 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 = 28

Slope = 0 units per year.

Mann-Kendall statistic = -1
critical = -101

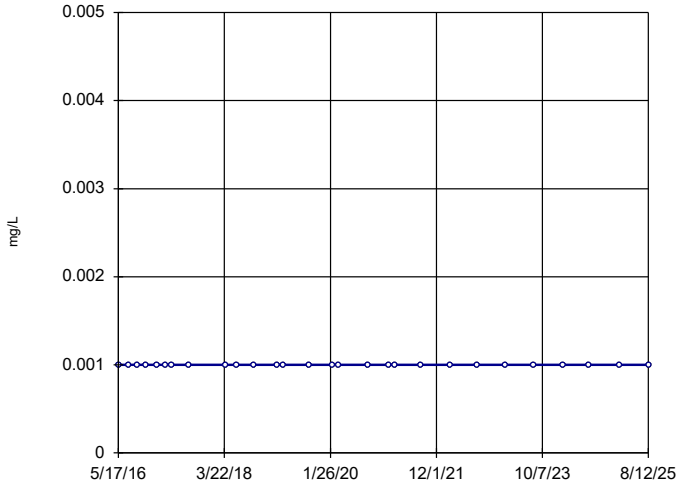
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Beryllium Analysis Run 10/22/2025 3:51 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 = 28

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 101

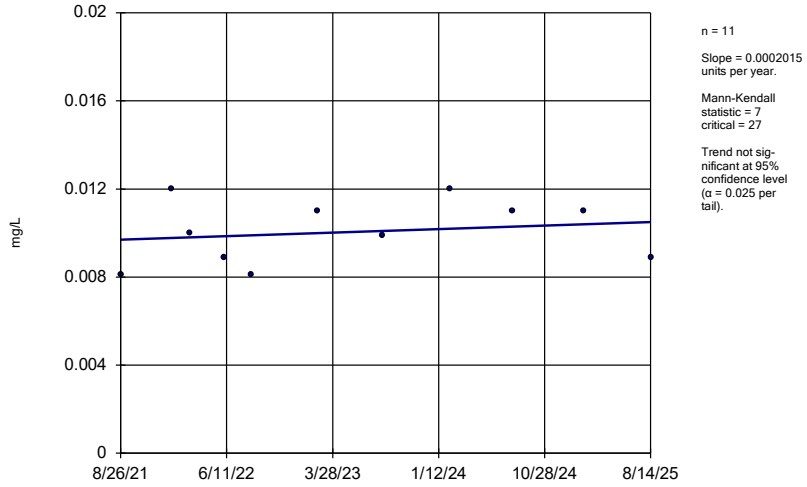
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Beryllium Analysis Run 10/22/2025 3:51 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 = 11

Slope = 0.0002015 units per year.

Mann-Kendall statistic = 7
critical = 27

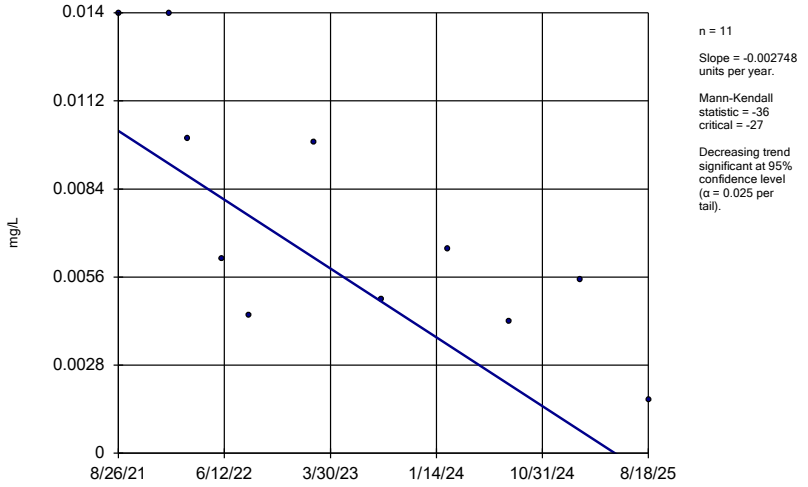
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Beryllium Analysis Run 10/22/2025 3:51 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 = 11

Slope = -0.002748 units per year.

Mann-Kendall statistic = -36
critical = -27

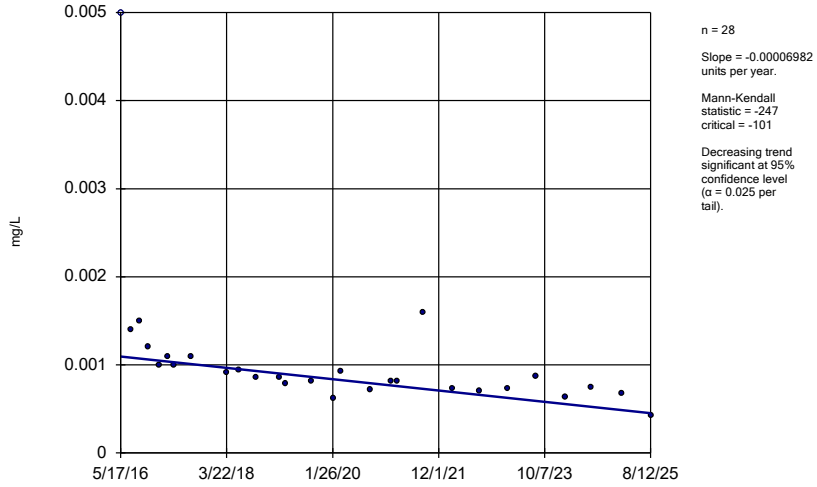
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Beryllium Analysis Run 10/22/2025 3:51 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 28

Slope = -0.00006982 units per year.

Mann-Kendall statistic = -247
critical = -101

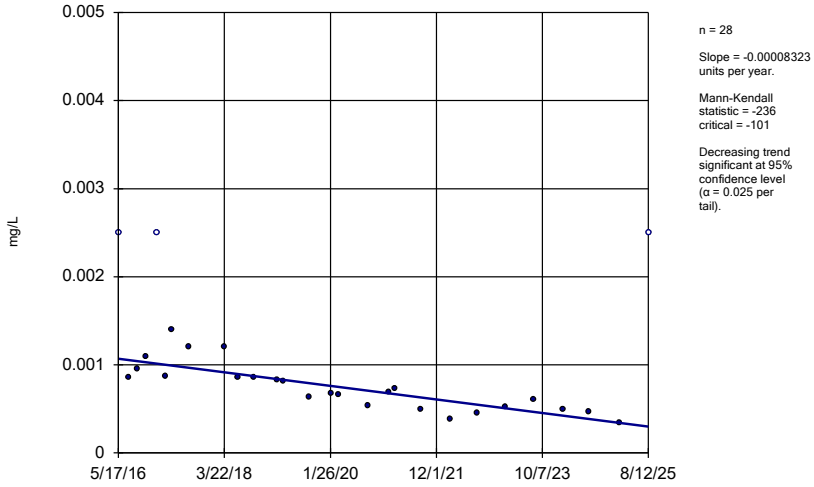
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 10/22/2025 3:51 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-2 (bg)



n = 28

Slope = -0.00008323 units per year.

Mann-Kendall statistic = -236
critical = -101

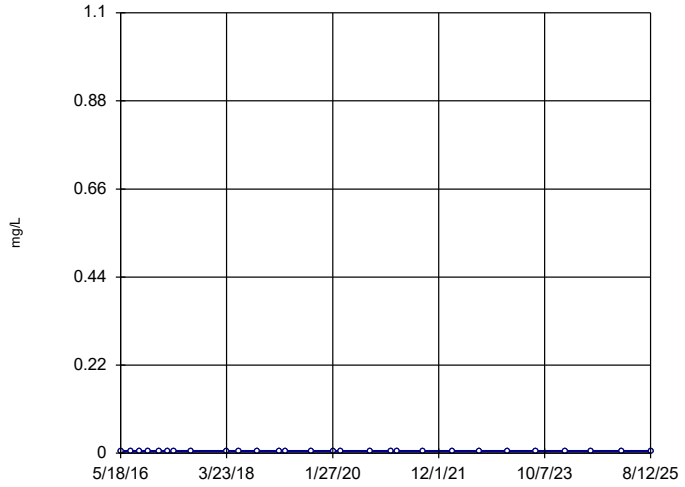
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 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 = 0
critical = 101

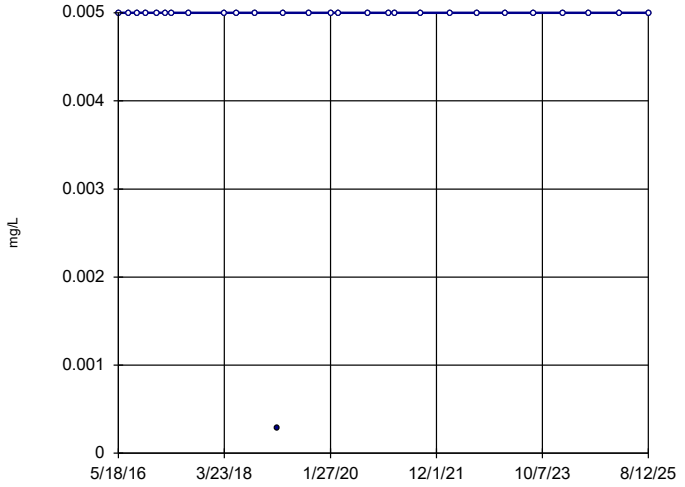
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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 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 = 5
critical = 101

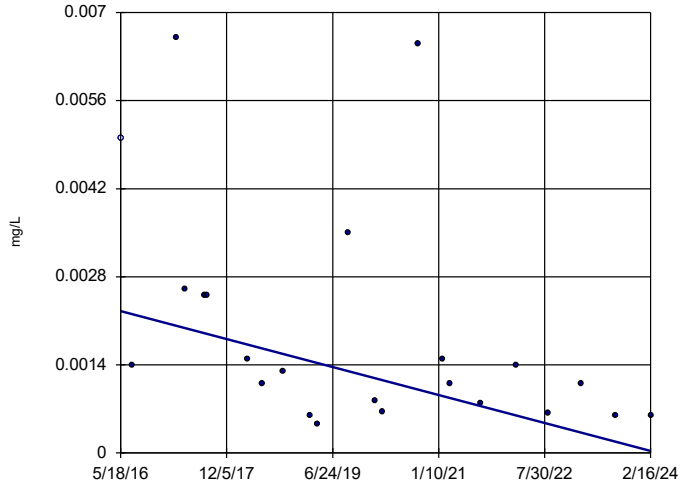
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 10/22/2025 3:52 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 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

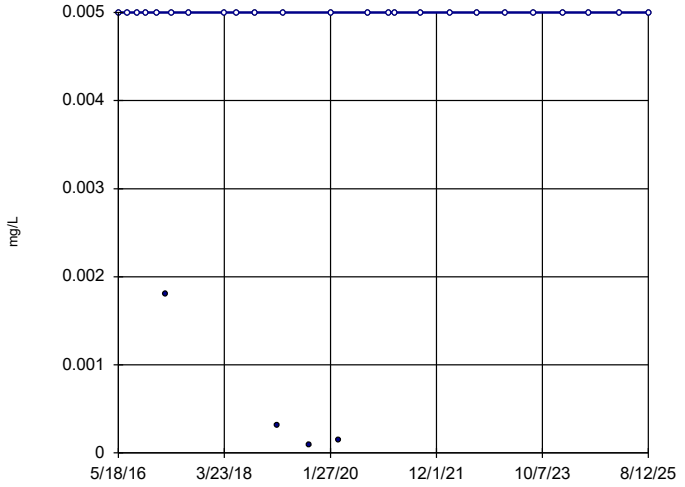
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 10/22/2025 3:52 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-6 (bg)



n = 28

Slope = 0 units per year.

Mann-Kendall statistic = 16
critical = 101

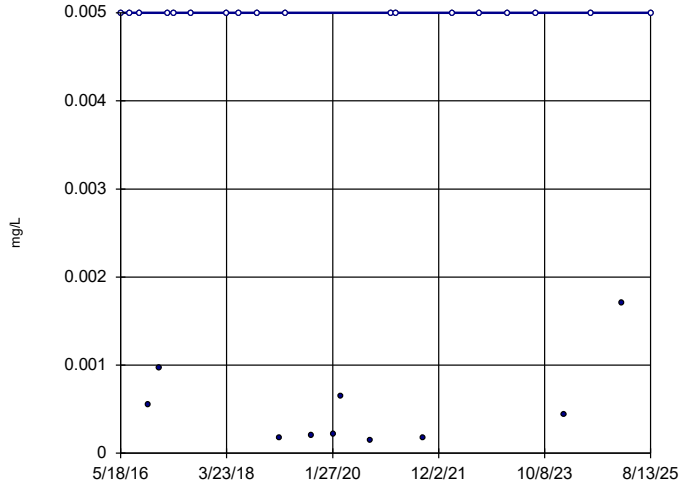
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 10/22/2025 3:52 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 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 = -18
critical = -101

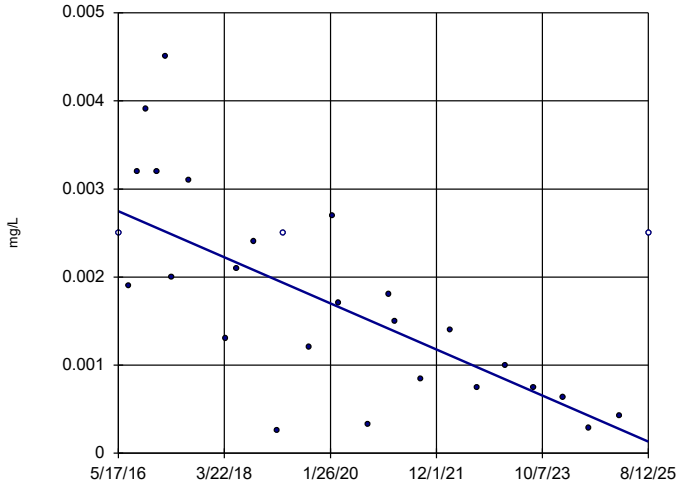
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 10/22/2025 3:52 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-18 (bg)



n = 28

Slope = -0.0002828 units per year.

Mann-Kendall statistic = -189
critical = -101

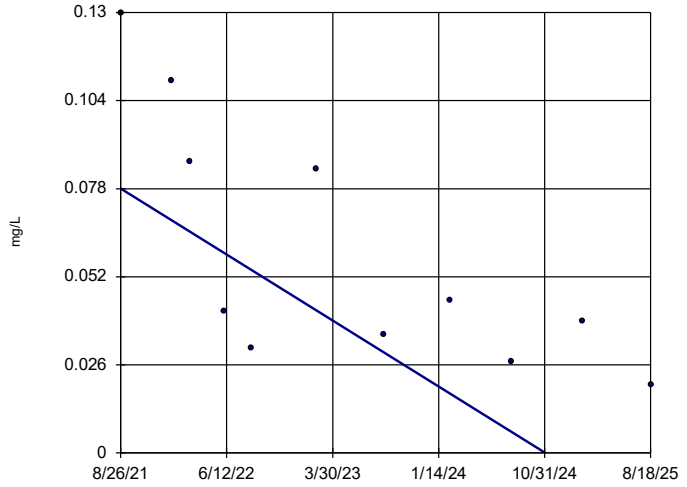
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 10/22/2025 3:52 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

WGWC-24



n = 11

Slope = -0.02444 units per year.

Mann-Kendall statistic = -37
critical = -27

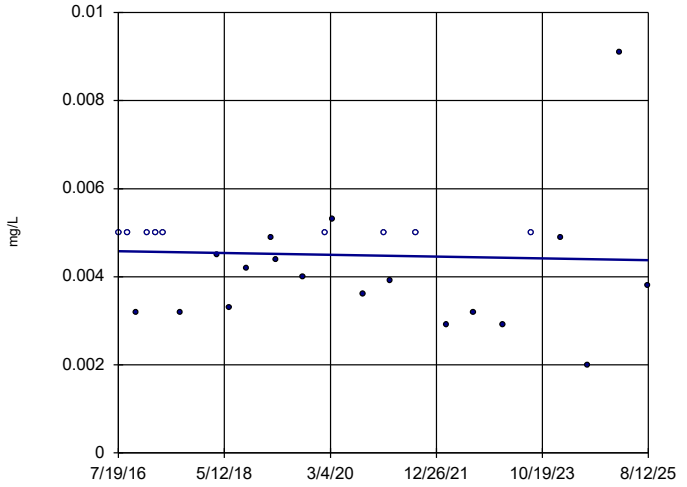
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 10/22/2025 3:52 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 27

Slope = -0.0000226 units per year.

Mann-Kendall statistic = -52
critical = -96

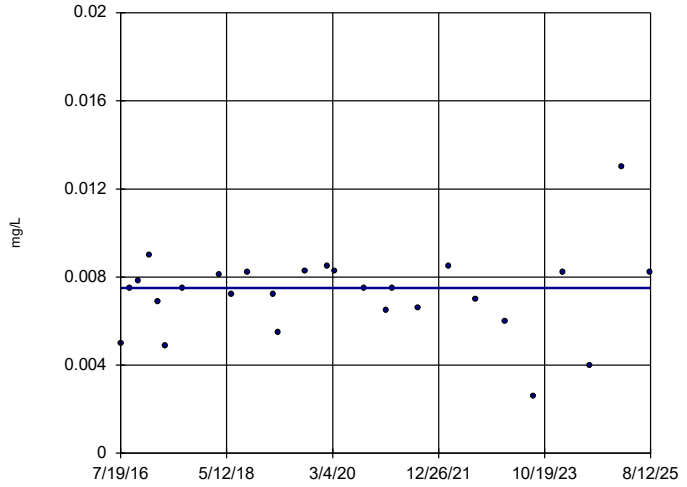
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Constituent: Lithium Analysis Run 10/22/2025 3:52 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

WGWA-2 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 7 critical = 96

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lithium Analysis Run 10/22/2025 3:52 PM View: Appendix IV Trend Tests

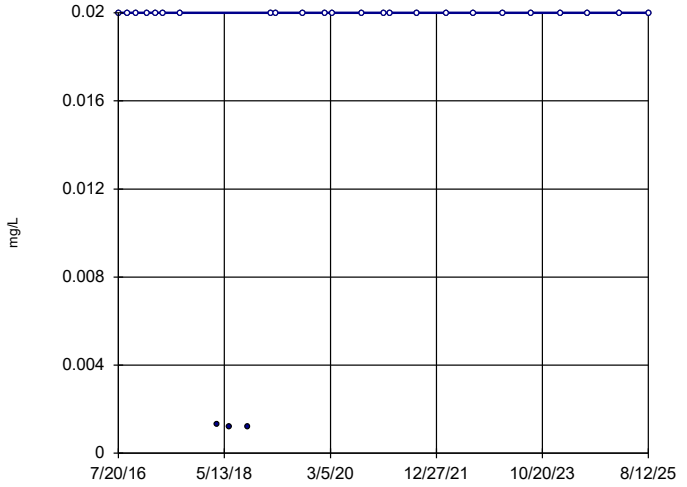
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 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 = 28 critical = 96

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lithium Analysis Run 10/22/2025 3:52 PM View: Appendix IV Trend Tests

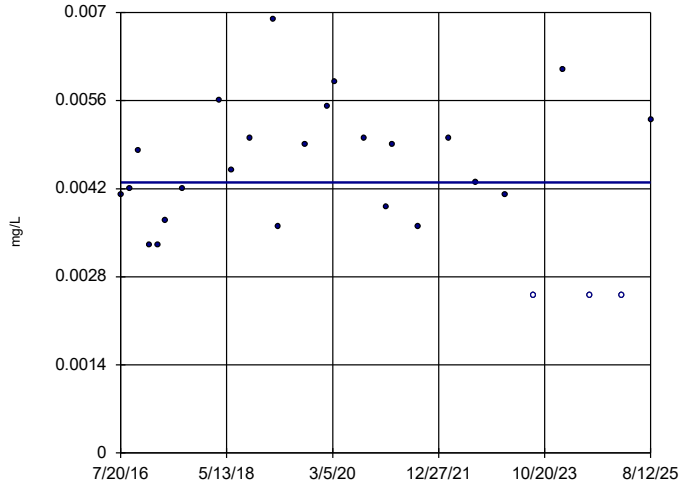
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 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 = 4 critical = 96

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lithium Analysis Run 10/22/2025 3:52 PM View: Appendix IV Trend Tests

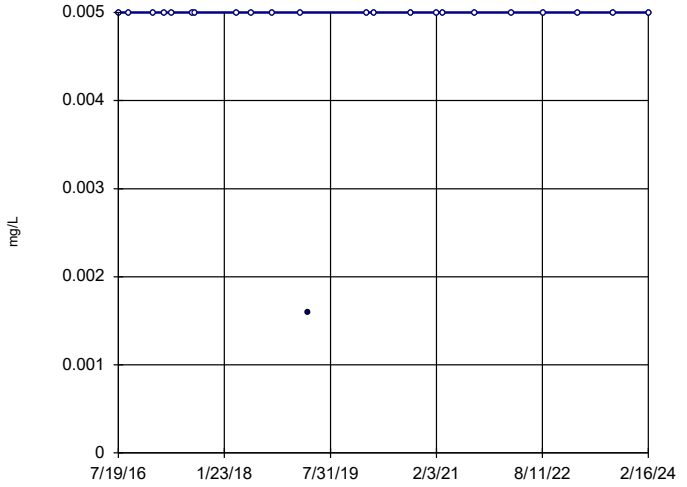
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 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).

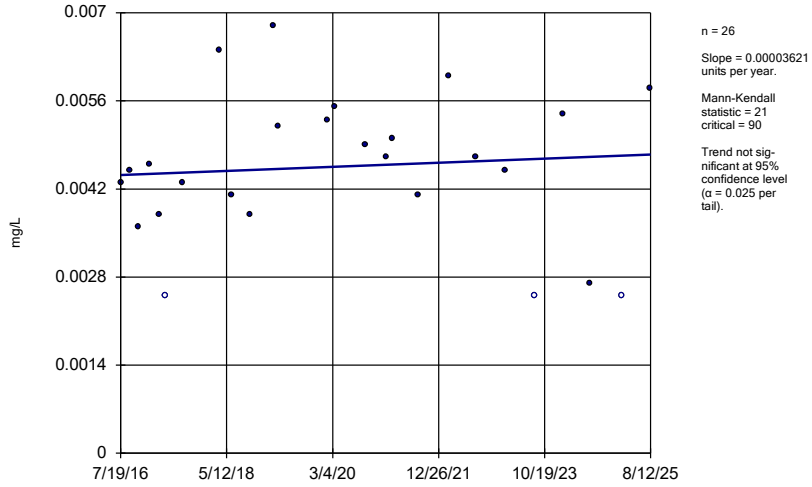
Constituent: Lithium Analysis Run 10/22/2025 3:52 PM View: Appendix IV Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-6 (bg)



n = 26

Slope = 0.00003621 units per year.

Mann-Kendall statistic = 21
critical = 90

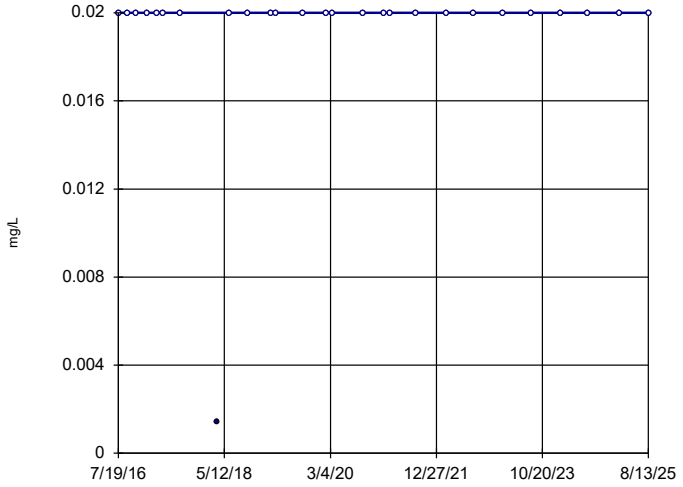
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lithium Analysis Run 10/22/2025 3:52 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 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 = 12
critical = 96

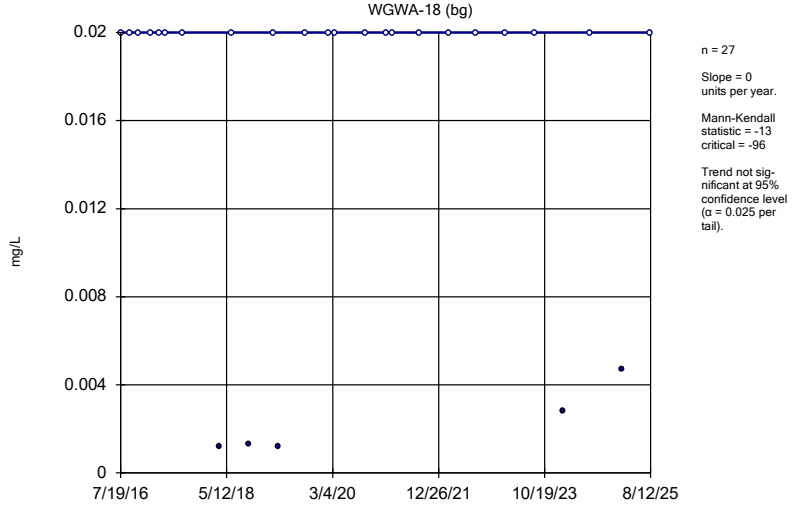
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lithium Analysis Run 10/22/2025 3:52 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 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 = -13
critical = -96

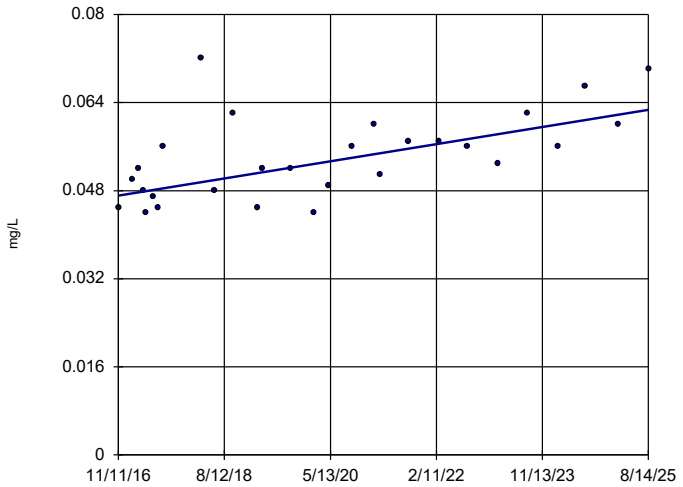
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lithium Analysis Run 10/22/2025 3:52 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

WGWC-19



n = 28

Slope = 0.00178 units per year.

Mann-Kendall statistic = 169
critical = 101

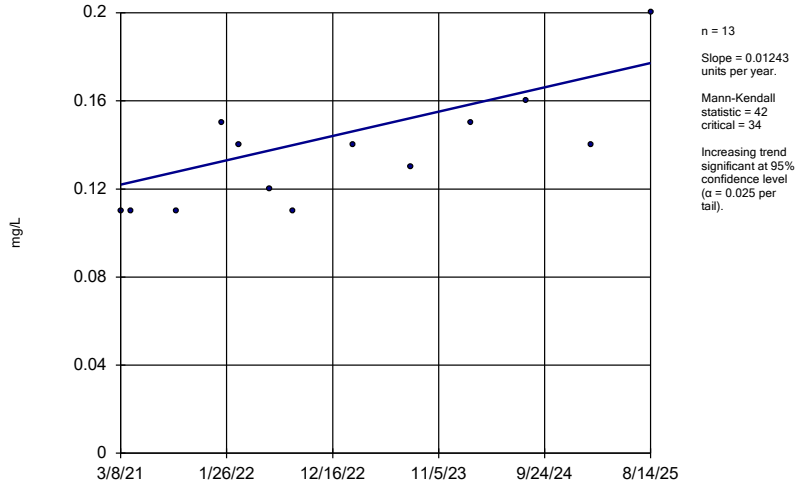
Increasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lithium Analysis Run 10/22/2025 3:52 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

WGWC-20



n = 13

Slope = 0.01243 units per year.

Mann-Kendall statistic = 42 critical = 34

Increasing trend significant at 95% confidence level (α = 0.025 per tail).

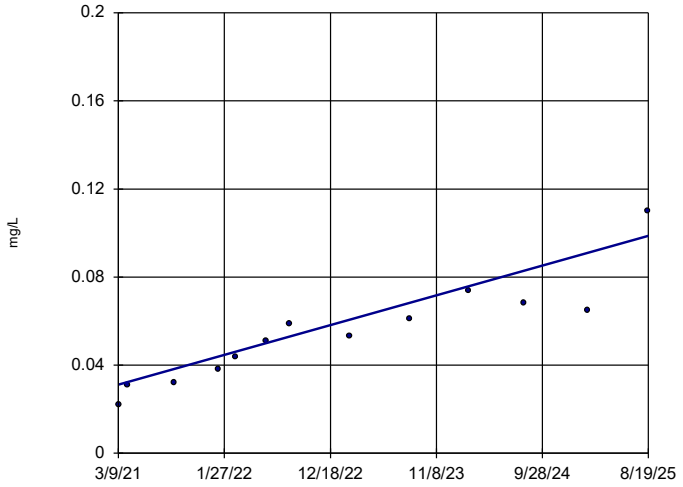
Constituent: Lithium Analysis Run 10/22/2025 3:52 PM View: Appendix IV Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

WGWC-21



n = 13

Slope = 0.01518 units per year.

Mann-Kendall statistic = 70 critical = 34

Increasing trend significant at 95% confidence level (α = 0.025 per tail).

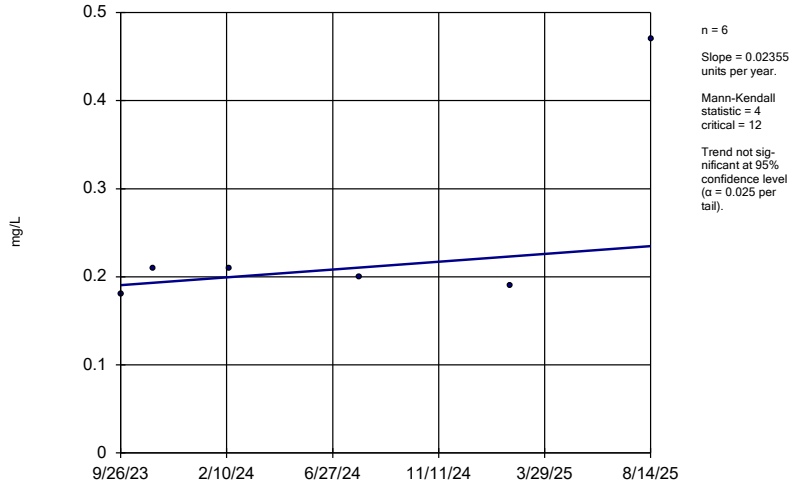
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Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

WGWC-28D



n = 6

Slope = 0.02355 units per year.

Mann-Kendall statistic = 4 critical = 12

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lithium Analysis Run 10/22/2025 3:52 PM View: Appendix IV Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

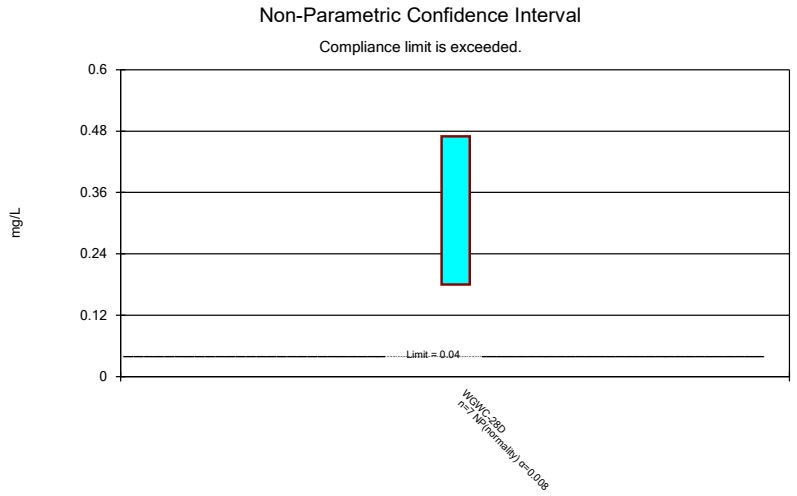
FIGURE K.

Confidence Intervals - Resample - All/Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 12/17/2025, 2:15 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig. N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lithium (mg/L)	**WGWC-28D**	**0.47**	**0.18**	**0.04**	**Yes 7**	**0.2629**	**0.1143**	**0**	**None**	**No**	**0.008**	**NP (normality)**

Sanitas™ v.10.1.02 Software licensed to Groundwater Stats Consulting. UG



Constituent: Lithium Analysis Run 12/17/2025 2:14 PM View: Confidence Intervals - Resample
Plant Wansley Client: Southern Company Data: Wansley AP 1

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 12/17/2025 2:15 PM View: Confidence Intervals - Resample

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-28D
9/26/2023	0.18
11/7/2023	0.21
2/14/2024	0.21
8/1/2024	0.2
2/12/2025	0.19
8/14/2025	0.47
11/13/2025	0.38 (R)
Mean	0.2629
Std. Dev.	0.1143
Upper Lim.	0.47
Lower Lim.	0.18

APPENDIX E

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 GW11293

January 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

January 30, 2026
Date

Geosyntec consultants

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Appendix A Potable Well Survey

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
EDR	Environmental Data Resources
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 August 2025 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, and 2025b).

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 obtained since March 2021 have identified an SSL of lithium in WGWC-19 and SSLs of beryllium and lithium in WGWC-20, and statistical analyses of groundwater data since February 2023 have identified SSLs of beryllium and cobalt in WGWC-24. Statistical analyses of groundwater data identified new SSLs of lithium in WGWC-21 and WGWC-28D following the February 2025 sampling event.

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). The ASD Addendum presents supplemental data collected since submittal of the 2019 ASD, which provide additional lines of evidence to demonstrate that the SSLs of lithium identified at AP-1 are associated with naturally occurring lithium within rock formations at the Site. On September 26,

[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).

2024, GA EPD issued a letter of nonconcurrence stating that they do not currently agree with the ASD, based on the information provided. Additional data collection and evaluation of lithium SSLs are ongoing to supplement the ASD or support ACM efforts, as appropriate.

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. To enhance the groundwater monitoring network at the Site at the request of GA EPD, Georgia Power installed 13 monitoring wells between December 2024 and March 2025, including eight paired wells on the Separator Dike and five wells on the southern side of AP-1. Additionally, six existing piezometers were reclassified to detection monitoring wells and added to the monitoring network. 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. The current monitoring well network is shown on **Figure 2**; **Table 1** provides well construction details.

Statistical analysis of the August 2025 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 *2025 Annual Groundwater Monitoring and Corrective Action Report* (2025 Annual Groundwater Report) to which this semiannual progress report is appended.

The groundwater data collected in August 2025 was 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 2025 Annual 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, and vertical delineation of lithium is ongoing.

- WGWC-24 – beryllium and cobalt are horizontally delineated by the inward groundwater flow direction and by PZ-31 groundwater concentration data. Beryllium is vertically delineated by PZ-26D although cobalt is not delineated based on the most current groundwater concentration reported in August 2025. However, the lower limit of the calculated confidence interval for cobalt remains below the GWPS following the most current sampling event. Georgia Power will monitor the cobalt concentration trend in PZ-26D and apply adaptive site management strategy as necessary to maintain vertical delineation of the cobalt SSL in WGWC-24. Of note, there are significant decreasing trends of beryllium and cobalt in WGWC-24 based on statistical analysis of the latest groundwater data.

- WGWC-19 – lithium is horizontally delineated by WAMW-2. WAMW-1 does not vertically delineate the lithium SSL based on the most current groundwater concentration reported in August 2025; however, the lower limit of the calculated confidence interval for lithium in WAMW-1 remains below the GWPS following the most current sampling event. 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.

- 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.

- WGWC-28D – horizontal and vertical delineation of lithium are ongoing.

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 (**Figures 6a** through **6e**). The full statistical evaluation is included as an appendix 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 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.

1.5 Annual Potable Water Survey

An updated potable well survey of potential groundwater wells within a two-mile radius of AP-1 was conducted in October 2025 and consisted of reviewing federal, state, county records, and online sources. Surveys conducted by Environmental Data Resources (EDR) are included in **Appendix A**. Federal, state, county records and online sources outside of the EDR survey were also reviewed. No additional wells relative to the findings of the previous 2024 survey were identified during this review. The 2024 survey identified the following off-site wells:

- Properties at the following locations have been identified as having a public water source:
    - Property located approximately 0.3 miles southwest of AP-1, with geographic coordinates 33.40284, -85.06687 and address of 3428 Hollingsworth Ferry Road, Franklin, Georgia.

  - Property located approximately 0.8 miles south of AP-1, with geographic coordinates 33.39681, -85.05126 and address of 4430 Hollingsworth Ferry Road, Franklin, Georgia.

  - Property located approximately 1.0 mile south of AP-1, with geographic coordinates 33.39403, -85.04482 and address of 4870 Hollingsworth Ferry Road, Franklin, Georgia.

- The following additional locations have been found to have had a well at some point, but have been identified as currently having a public water source:

  - Property located approximately 0.2 miles southwest of AP-1, with geographic coordinates 33.40538, -85.06618 and address of 3343 Hollingsworth Ferry Road, Franklin, Georgia.

  - Property located approximately 0.5 miles southwest of AP-1, with geographic coordinates 33.40263, -85.06640 and address of 3430 Hollingsworth Ferry Road, Franklin, Georgia.

Properties with wells identified during the well surveys in addition to those identified in the EDR survey are either on public water or are located upgradient of AP-1. Furthermore, the risk evaluation results conducted for other wells in the vicinity are applicable to these newly identified wells.

Taking into account all identified wells, public water is available throughout most of the investigated area, supplied by Carroll County Water Authority and Heard County Water Authority. These well locations identified to the south/southwest of AP-1 are separated from AP-1 by the on-site landfill (currently in detection monitoring for groundwater) and/or topographic ridges that likely represent groundwater divides. Therefore, it is reasonable to expect the wells to be hydrologically separated from the site, and none are considered to be hydraulically downgradient. In topographically high areas, for example south of AP-1, hydraulic gradients also indicate localized flow inward towards the pond as shown in the potentiometric surface contour maps provided in the 2025 Annual Groundwater Report.

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 August 2025 (Geosyntec, 2025b). The routine monitoring events associated with the assessment monitoring program are discussed in the 2025 Annual 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, the detection and assessment monitoring well networks were expanded with 19 new or reclassified wells during this reporting period. In addition, detection monitoring well WGWC-8 was reclassified as a piezometer and replaced with detection monitoring well WGWC-8A, while WGWC-42 was reclassified as a horizontal assessment monitoring well. The well installation report for WGWC-8A is provided in Appendix A of the 2025 Annual Groundwater Report.

Supplemental groundwater samples were collected in August 2025 from piezometers PZ-23D, PZ-31, PZ-32D, and PZ-33D. PZ-23D was sampled to provide additional information in support of SSL delineation. Data collected from these wells are presented and evaluated in the 2025 Annual Groundwater Report.

Additional supplemental samples were collected from interstitial wells PZA-2S and PZA-2M in August 2025, and in November 2025 from six additional wells: WGWC-19, WGWC-20, WGWC-21, WGWC-28D, GWA-28 and GWA-29. Interstitial wells PZA-2S and PZA-2M were sampled for lithium, strontium, and isotope analysis to support the evaluation of lithium SSLs northeast of AP-1. These two interstitial wells along with four additional piezometers (PZA1-S, PZA1-M, PZA1-D, and PZA2-D) were subsequently abandoned on August 28, 2025, in support of the ongoing construction activities within AP-1. The well abandonment report is provided in Appendix A of the 2025 Annual Groundwater Report. Four additional 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, were also sampled 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 August 2025 assessment monitoring event, along with supplemental data collected from PZ-23D, PZ-31, PZ-32D, and PZ-33D, are evaluated in the 2025 Annual 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. Results for the isotope analysis will be provided in the next semiannual progress report.

3.0 SUMMARY OF RESULTS

Aside from the supplemental data collected from PZ-23D, PZ-31, PZ-32D, and PZ-33D, which are discussed in the 2025 Annual Groundwater Report, there are no new field or analytical laboratory results related to the ACM program to discuss during this progress reporting period.

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, 2025b).

- 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. Solid phase lithium was observed to be associated with environmentally available fractions.

- 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 additional groundwater sampling and lithium and strontium isotopic analyses.
- 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.

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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-5	Piezometer	Upgradient	1241997.94	2022368.85	899.28	902.15	888.88	878.88	23.66	Saprolite/PWR/Bedrock	12/23/2014
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

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
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
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
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
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:
Elevations shown are in datum NAVD88, which indicates feet (ft) in elevation referenced to the North American Vertical Datum 1988.
Coordinates in North American Datum (NAD) 1983, State Plane, Georgia-West, feet. Survey of WGWA-1 through WGWA-18, WGWC-8 through WGWC-19, WAMW-1 and WAMW-2, and PZ-01 through PZ-20 was completed by GEL Solutions and certified June 16, 2020. Survey of WGWC-20 through WGWC-25, and PZ-23D through PZ-29D was completed by GEL Solutions and certified on November 17, 2020. Survey of WGWC-26D and WGWC-27 was completed by GEL Solutions and certified on October 13, 2022. Survey of WGWC-28D was completed by GEL Solutions and certified September 5, 2023. Survey of PZ-30 and PZ-31 was completed by GEL Solutions and certified July 1, 2024. Survey of PZ-32D and PZ-33D was completed by GEL Solutions and certified November 7, 2024. Survey of WGWC-30 through WGWC-38S was completed by Thompson Engineering and certified on April 9, 2025. Survey of WGWC-8A was completed by Thompson Engineering and certified on October 31, 2025.
Ground surface elevation defined at the survey nail installed within the well pad.
Well screen elevations are calculated by subtracting the depths to top and bottom of the well screen from the ground surface elevation.
Total well depth accounts for sump if data provided on construction logs.
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.
WAMW-2 and WGWC-42 were reclassified to assessment wells.
WGWC-8 was reclassified as a piezometer following the August 2025 semiannual sampling event. WGWC-8A was installed as a replacement of WGWC-8.

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, June 24, 2025.
 - Surrounding area: SAM LLC, January 30, 2024, and Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community.

0 700 1,400 2,800

SCALE IN FEET

SITE LOCATION MAP

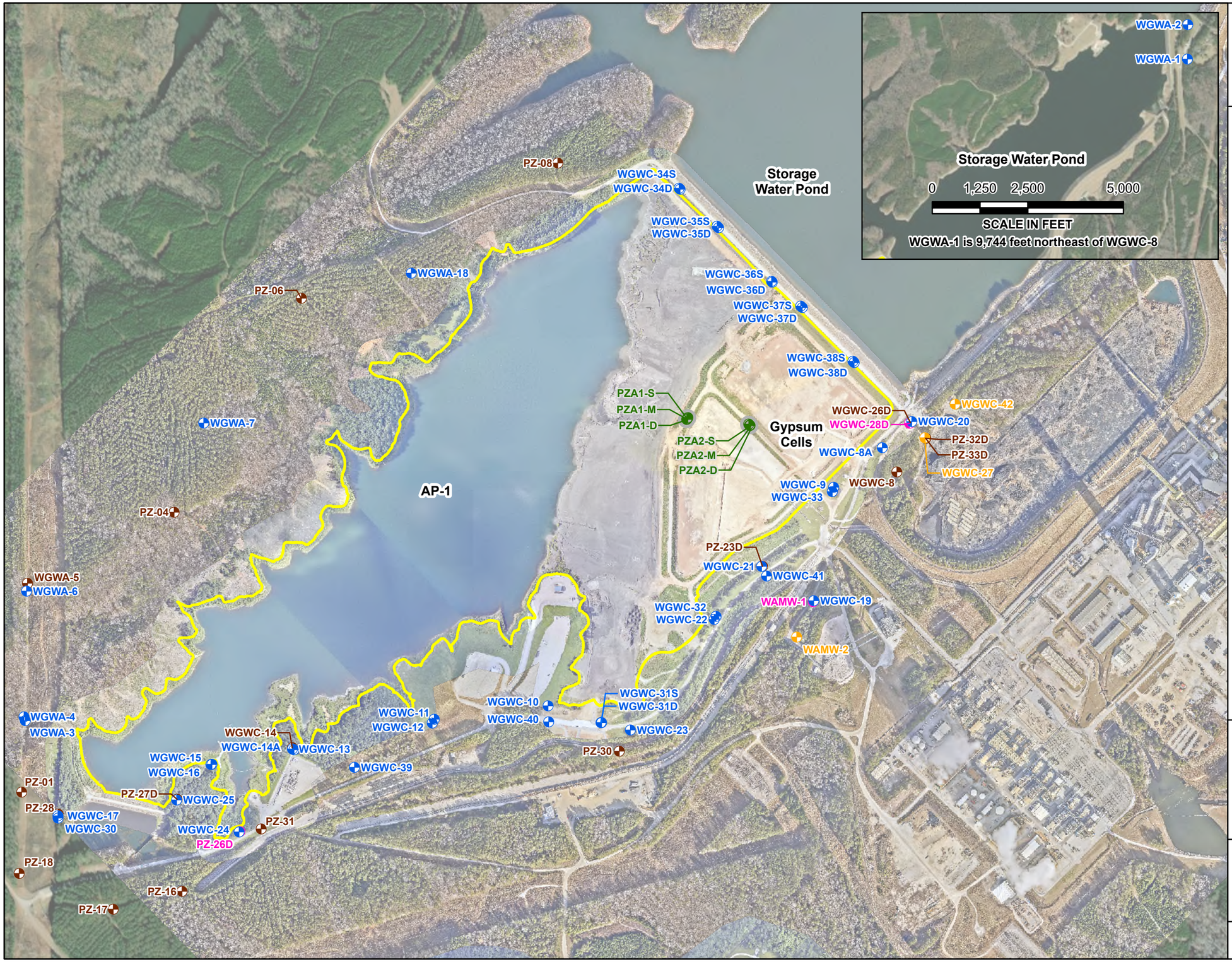
GEORGIA POWER COMPANY
PLANT WANSLEY AP-1
HEARD AND CARROLL COUNTIES, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | JANUARY 2026

FIGURE 1



N

Legend

- Detection Monitoring Well
- Horizontal Assessment Monitoring Well
- Vertical Assessment Monitoring Well
- Piezometer
- Abandoned Piezometer
- Approximate AP-1 Boundary

Notes:
1. Detection Monitoring Wells WGWC-30, WGWC-31D, WGWC-31S, WGWC-32, and WGWC-33 were installed December 2024. WGWC-34D, WGWC-34S, WGWC-35D, WGWC-35S, WGWC-36D, WGWC-36S, WGWC-38D and WGWC-38S were installed between January and March 2025, following the semiannual monitoring event. Detection Monitoring Well WGWC-8A was installed October 2025, following the annual monitoring event.
2. WGWC-37D (PZ-29D), WGWC-37S (PZ-29S), WGWC-39 (PZ-15), WGWC-40 (PZ-12), WGWC-41 (PZ-10), and WGWC-42 (PZ-20) were renamed and reclassified Detection Monitoring Wells.
3. WGWC-42 was reclassified as a Horizontal Assessment Monitoring Well and WGWC-8 was reclassified as a Piezometer following the semiannual monitoring event.
4. Piezometers PZA1-S, PZA1-M, PZA1-D, PZA2-S, PZA2-M, and PZA2-D were abandoned on August 28, 2025.
5. Service Layer Credit Sources:
 - Immediate vicinity of AP-1: SAM LLC, June 24, 2025.
 - Surrounding area: SAM LLC, January 30, 2024, and Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community.

0 400 800 1,600
SCALE IN FEET

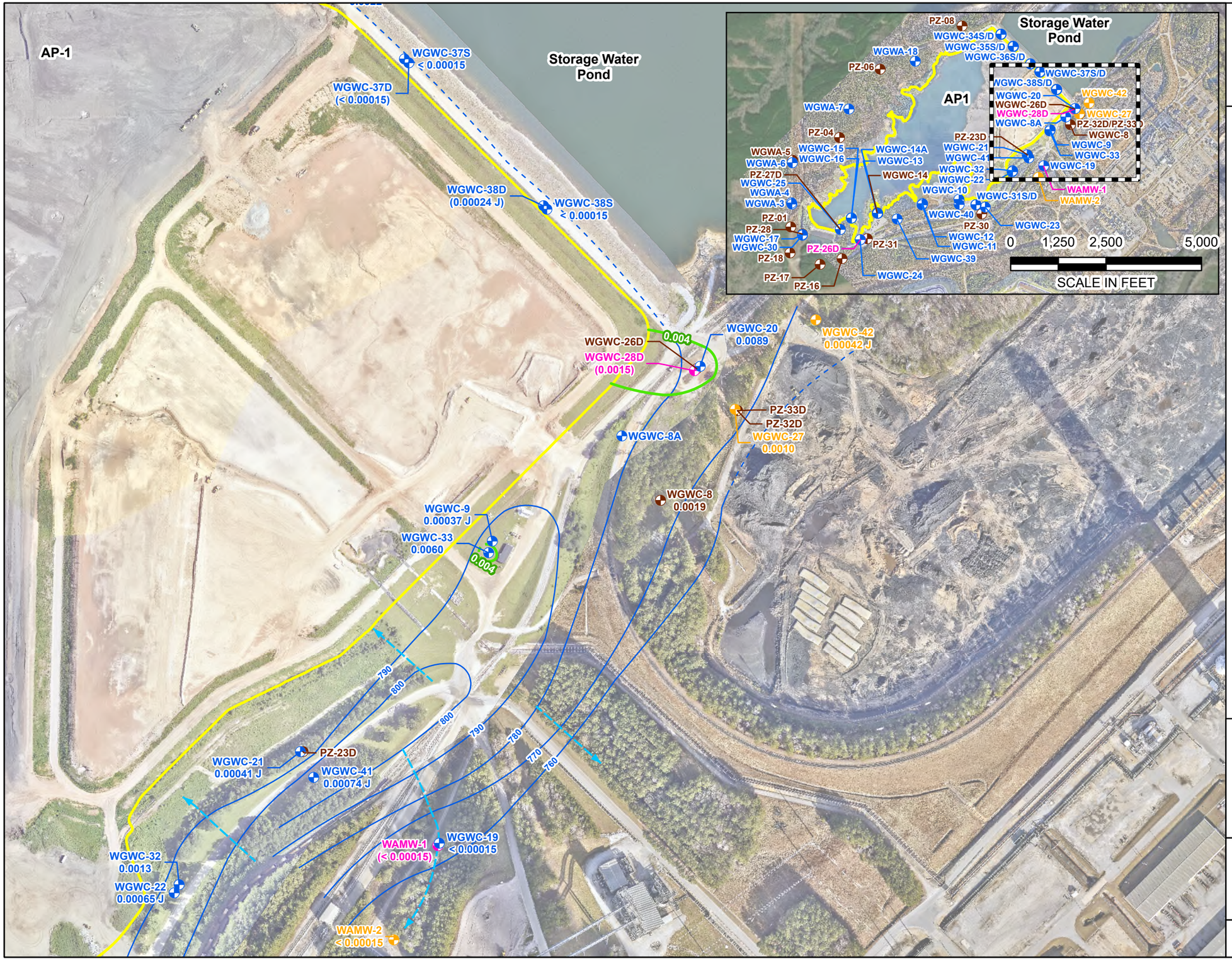
GROUNDWATER MONITORING WELL NETWORK MAP

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PLANT WANSLEY AP-1
HEARD AND CARROLL COUNTIES, GEORGIA

Prepared For: Georgia Power
Prepared By: Geosyntec consultants

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FIGURE 2



N

Legend

- Detection Monitoring Well
- Horizontal Assessment Monitoring Well
- Vertical Assessment Monitoring Well
- Piezometer
- Groundwater Elevation Iso-Contour (August 2025) (dashed where inferred)
- Approximate Groundwater Flow Direction
- 0.004 Beryllium GWPS Iso-Concentration Contour (mg/L) (dashed where inferred)
- Approximate AP-1 Boundary

Notes:
1. Concentration data from groundwater samples was collected in August 2025.
2. Concentrations are reported in milligrams per liter (mg/L).
3. Water level elevation recorded on August 11, 2025. 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. Detection Monitoring Well WGWC-8A was installed October 2025, following the semiannual monitoring event.
8. WGWC-42 was reclassified as a Horizontal Assessment Monitoring Well and WGWC-8 was reclassified as a Piezometer following the semiannual monitoring event.
9. Service Layer Credit Sources:
- Immediate vicinity of AP-1: SAM LLC, June 24, 2025.
- Surrounding area: SAM LLC, January 30, 2024, and Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community.

0 150 300 600

SCALE IN FEET

ISO-CONCENTRATION MAP, BERYLLIUM - AUGUST 2025

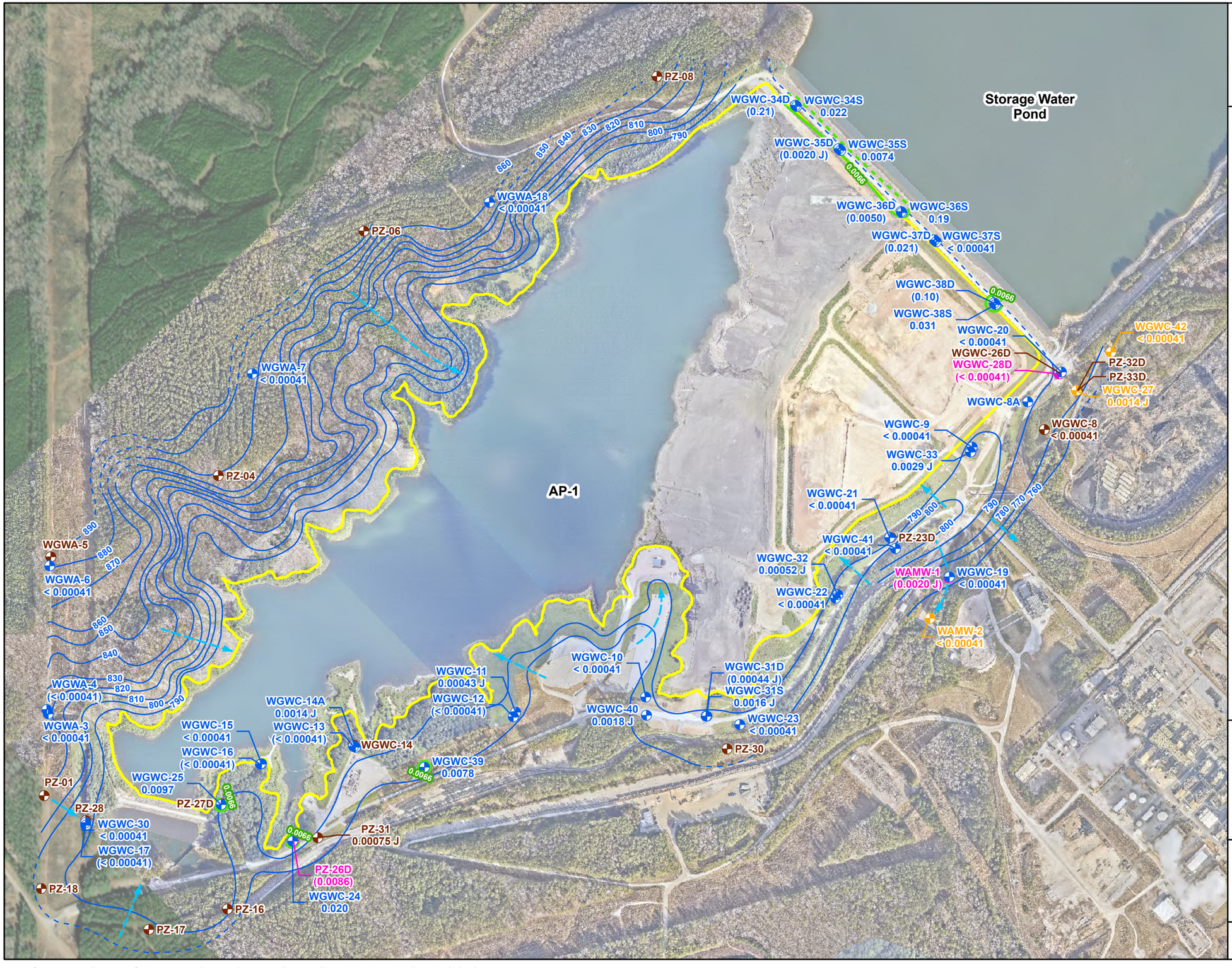
GEORGIA POWER COMPANY
PLANT WANSLEY AP-1
HEARD AND CARROLL COUNTIES, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

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FIGURE 3



N

Legend

- Detection Monitoring Well
- Horizontal Assessment Monitoring Well
- Vertical Assessment Monitoring Well
- Piezometer
- Groundwater Elevation Iso-Contour (August 2025) (dashed where inferred)
- Approximate Groundwater Flow Direction
- 0.0066 Cobalt GWPS Iso-Concentration Contour (mg/L) (dashed where inferred)
- Approximate AP-1 Boundary

Notes:
1. Concentration data from groundwater samples was collected in August 2025.
2. Concentrations are reported in milligrams per liter (mg/L).
3. Water level elevation recorded on August 11, 2025. 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. Detection Monitoring Well WGWC-8A was installed October 2025, following the semiannual monitoring event.
8. WGWC-42 was reclassified as a Horizontal Assessment Monitoring Well and WGWC-8 was reclassified as a Piezometer following the semiannual monitoring event.
9. Service Layer Credit Sources:
- Immediate vicinity of AP-1: SAM LLC, June 24, 2025.
- Surrounding area: SAM LLC, January 30, 2024, and Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community.

0 400 800 1,600

SCALE IN FEET

ISO-CONCENTRATION MAP, COBALT - AUGUST 2025

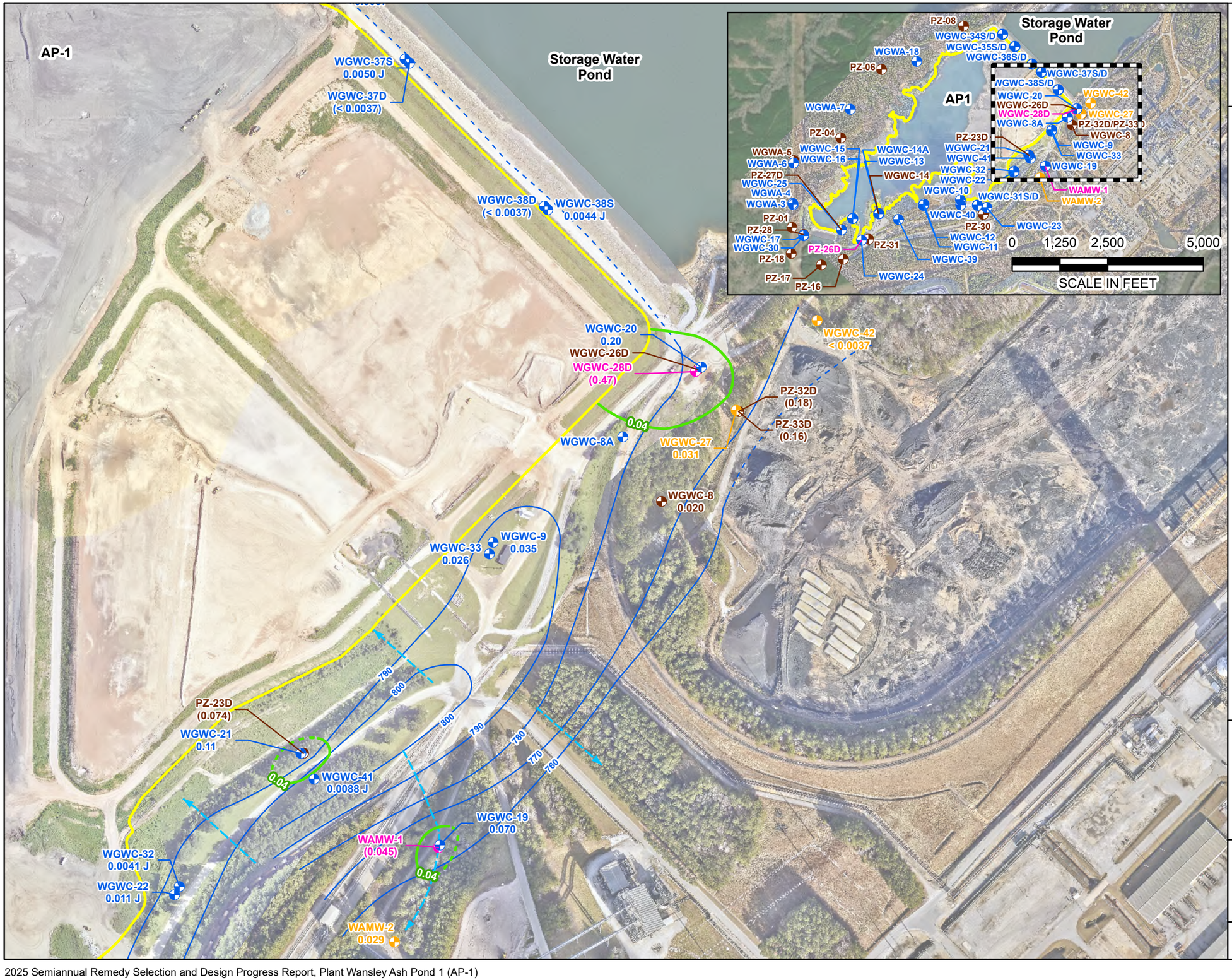
GEORGIA POWER COMPANY
PLANT WANSLEY AP-1
HEARD AND CARROLL COUNTIES, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | JANUARY 2026

FIGURE 4



Legend

- Detection Monitoring Well
- Horizontal Assessment Monitoring Well
- Vertical Assessment Monitoring Well
- Piezometer
- Groundwater Elevation Iso-Contour (August 2025) (dashed where inferred)
- Approximate Groundwater Flow Direction
- 0.040 Lithium GWPS Iso-Concentration Contour (mg/L) (dashed where inferred)
- Approximate AP-1 Boundary

Notes:
1. Concentration data from groundwater samples was collected in August 2025.
2. Concentrations are reported in milligrams per liter (mg/L).
3. Water level elevation recorded on August 11, 2025. 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. Detection Monitoring Well WGWC-8A was installed October 2025, following the semiannual monitoring event.
8. WGWC-42 was reclassified as a Horizontal Assessment Monitoring Well and WGWC-8 was reclassified as a Piezometer following the semiannual monitoring event.
9. Service Layer Credit Sources:
- Immediate vicinity of AP-1: SAM LLC, June 24, 2025.
- Surrounding area: SAM LLC, January 30, 2024, and Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community.

0 150 300 600
SCALE IN FEET

ISO-CONCENTRATION MAP, LITHIUM - AUGUST 2025

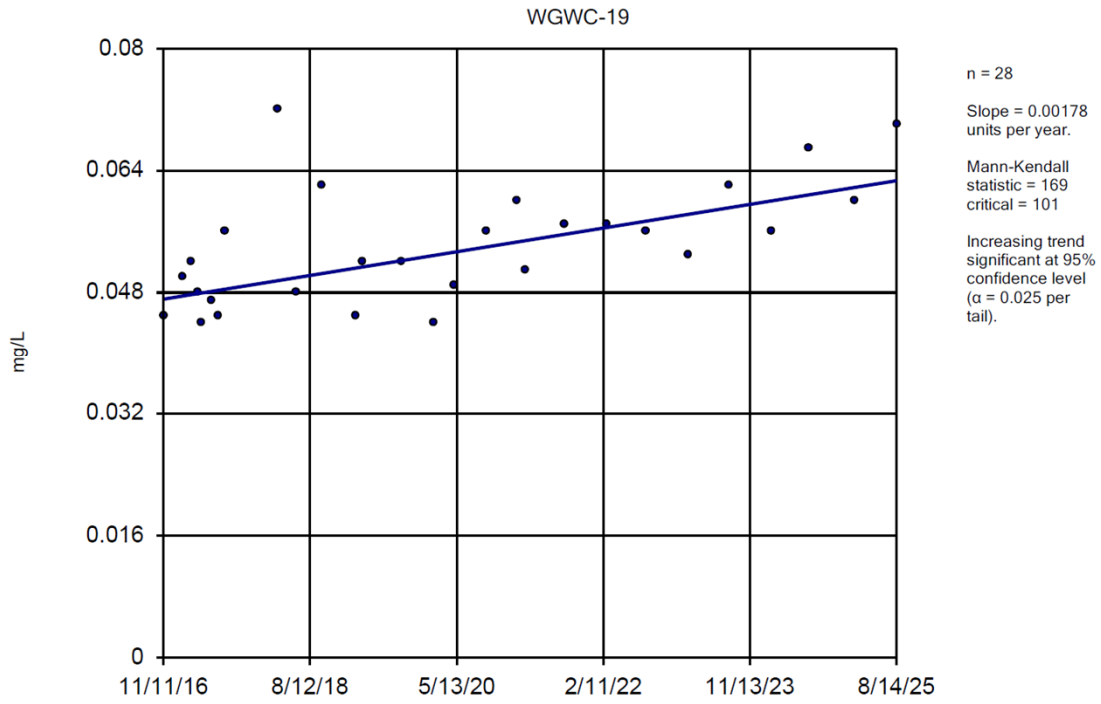
GEORGIA POWER COMPANY
PLANT WANSLEY AP-1
HEARD AND CARROLL COUNTIES, GEORGIA

Prepared For: Georgia Power
Prepared By: Geosyntec consultants

KENNESAW, GA | JANUARY 2026

FIGURE 5

Lithium



Notes:

1. Groundwater trends completed by Groundwater Stats Consulting using groundwater data collected for the full monitoring period through the August 2025 semiannual sampling event.
2. Trends shown are in wells where statistically significant levels (SSLs) have been identified.
3. mg/L = milligrams per liter

Lithium Concentration Trends
WGWC-19
Georgia Power Company
Plant Wansley AP-1
Putnam County, Georgia

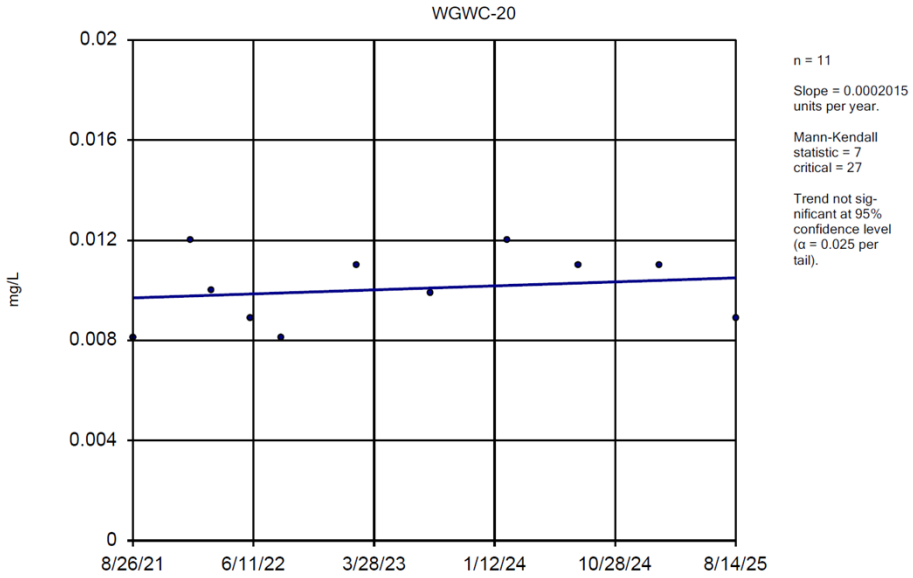
Prepared For: Georgia Power

Prepared By: Geosyntec consultants

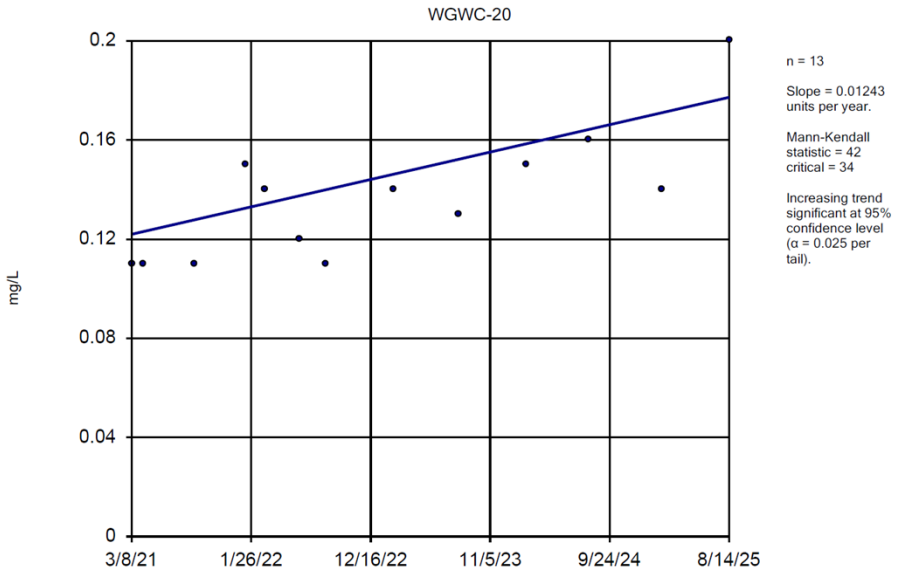
Kennesaw, GA | January 2026

Figure 6a

Beryllium



Lithium



Notes:

1. Groundwater trends completed by Groundwater Stats Consulting using groundwater data collected for the full monitoring period through the August 2025 semiannual sampling event.
2. Trends shown are in wells where statistically significant levels (SSLs) have been identified.
3. mg/L = milligrams per liter

Beryllium and Lithium Concentration Trends
WGWC-20
Georgia Power Company
Plant Wansley AP-1
Putnam County, Georgia

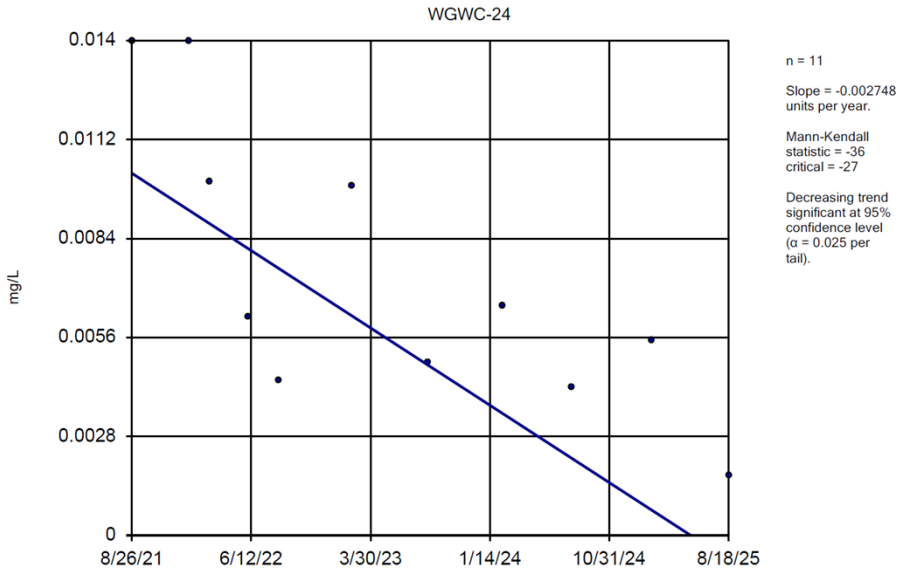
Prepared For: Georgia Power

Prepared By: Geosyntec consultants

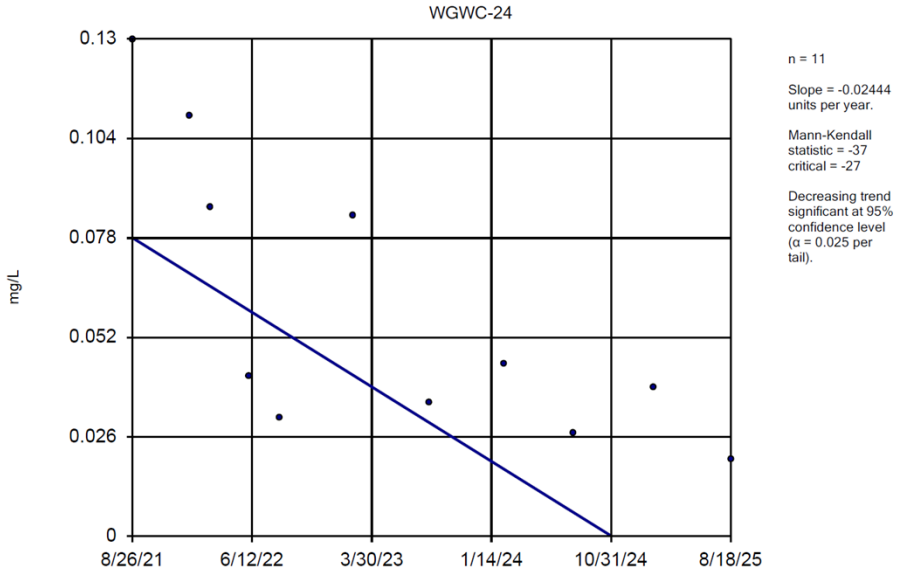
Kennesaw, GA | January 2026

Figure 6b

Beryllium



Cobalt



Notes:

1. Groundwater trends completed by Groundwater Stats Consulting using groundwater data collected for the full monitoring period through the August 2025 semiannual sampling event.
2. Trends shown are in wells where statistically significant levels (SSLs) have been identified.
3. mg/L = milligrams per liter

Beryllium and Cobalt Concentration Trends
WGWC-24
Georgia Power Company
Plant Wansley AP-1
Putnam County, Georgia

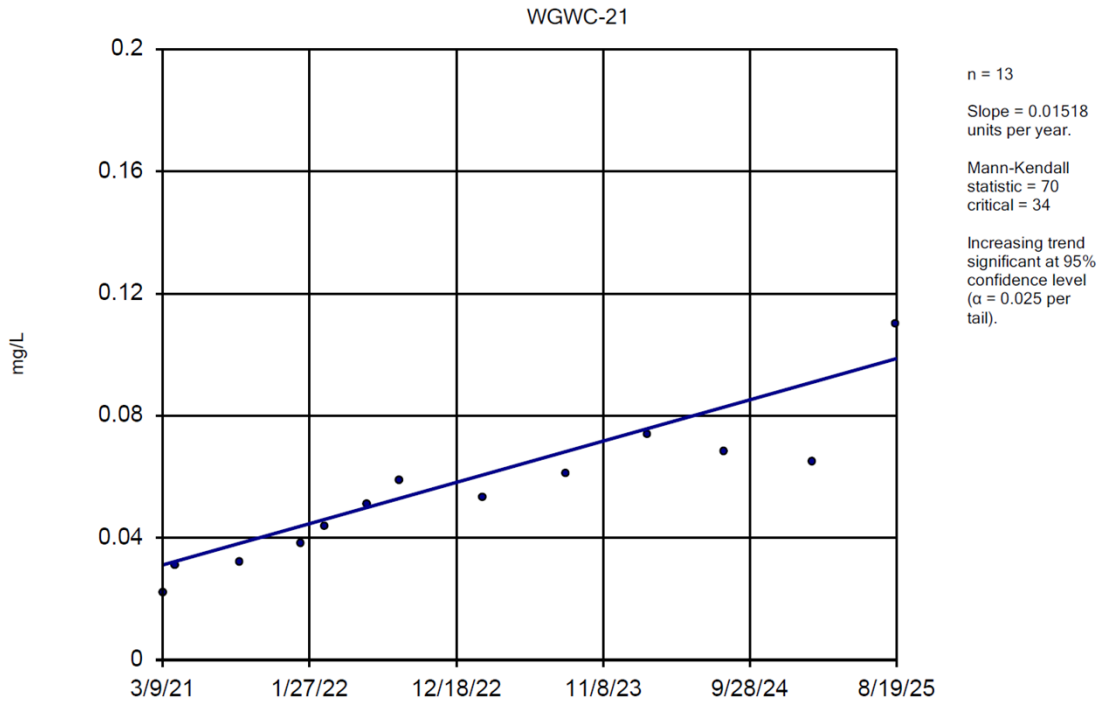
Prepared For: Georgia Power

Prepared By: Geosyntec consultants

Kennesaw, GA | January 2026

Figure 6c

Lithium



Notes:

1. Groundwater trends completed by Groundwater Stats Consulting using groundwater data collected for the full monitoring period through the August 2025 semiannual sampling event.
2. Trends shown are in wells where statistically significant levels (SSLs) have been identified.
3. mg/L = milligrams per liter

Lithium Concentration Trends
WGWC-21
Georgia Power Company
Plant Wansley AP-1
Putnam County, Georgia

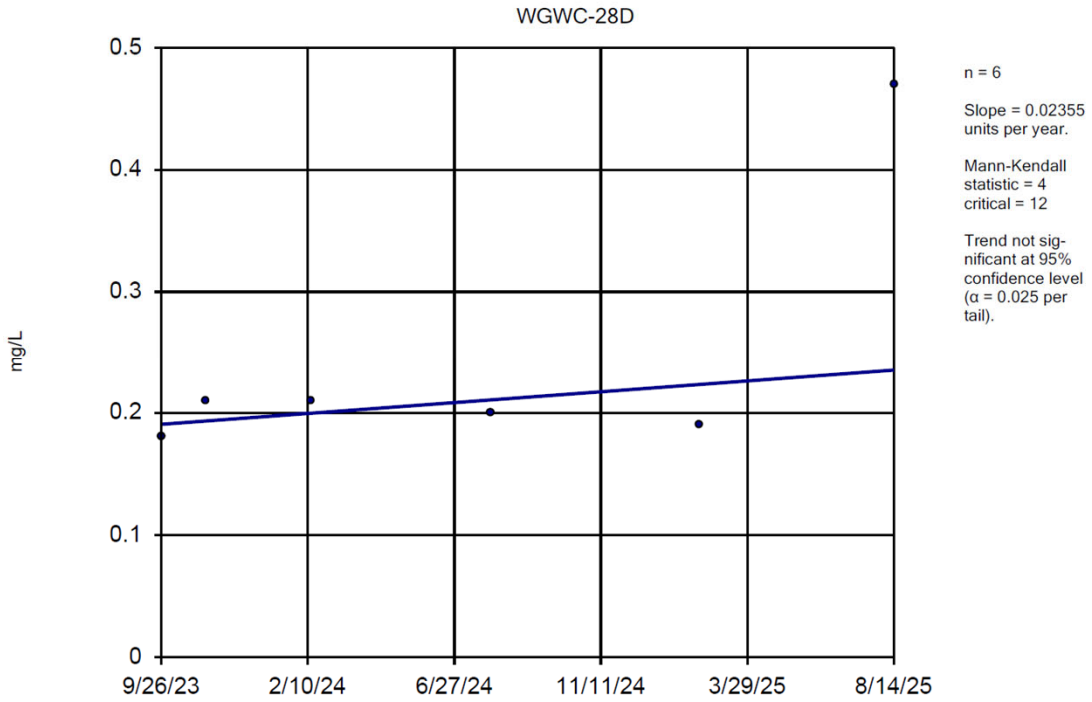
Prepared For: Georgia Power

Prepared By: Geosyntec consultants

Kennesaw, GA | January 2026

Figure 6d

Lithium



Notes:

1. Groundwater trends completed by Groundwater Stats Consulting using groundwater data collected for the full monitoring period through the August 2025 semiannual sampling event.
2. Trends shown are in wells where statistically significant levels (SSLs) have been identified.
3. mg/L = milligrams per liter

Lithium Concentration Trends
WGWC-28D
Georgia Power Company
Plant Wansley AP-1
Putnam County, Georgia

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

Kennesaw, GA | January 2026

Figure 6e

APPENDIX A
Potable Well Survey

Plant Wansley
1371 Liberty Church Rd
Franklin, GA 30217

Inquiry Number: 08146604.1r
October 30, 2025

The EDR GeoCheck® Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Physical Setting Source Map Findings **A-10**

Physical Setting Source Records Searched **PSGR-1**

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GEOCHECK® - PHYSICAL SETTING SOURCE REPORT

TARGET PROPERTY ADDRESS

PLANT WANSLEY
1371 LIBERTY CHURCH RD
FRANKLIN, GA 30217

TARGET PROPERTY COORDINATES

Latitude (North):	33.421477 - 33° 25' 17.32''
Longitude (West):	85.043422 - 85° 2' 36.32''
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	681919.4
UTM Y (Meters):	3699532.2
Elevation:	771 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	33085-D1 LOWELL, GA
Version Date:	1982

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

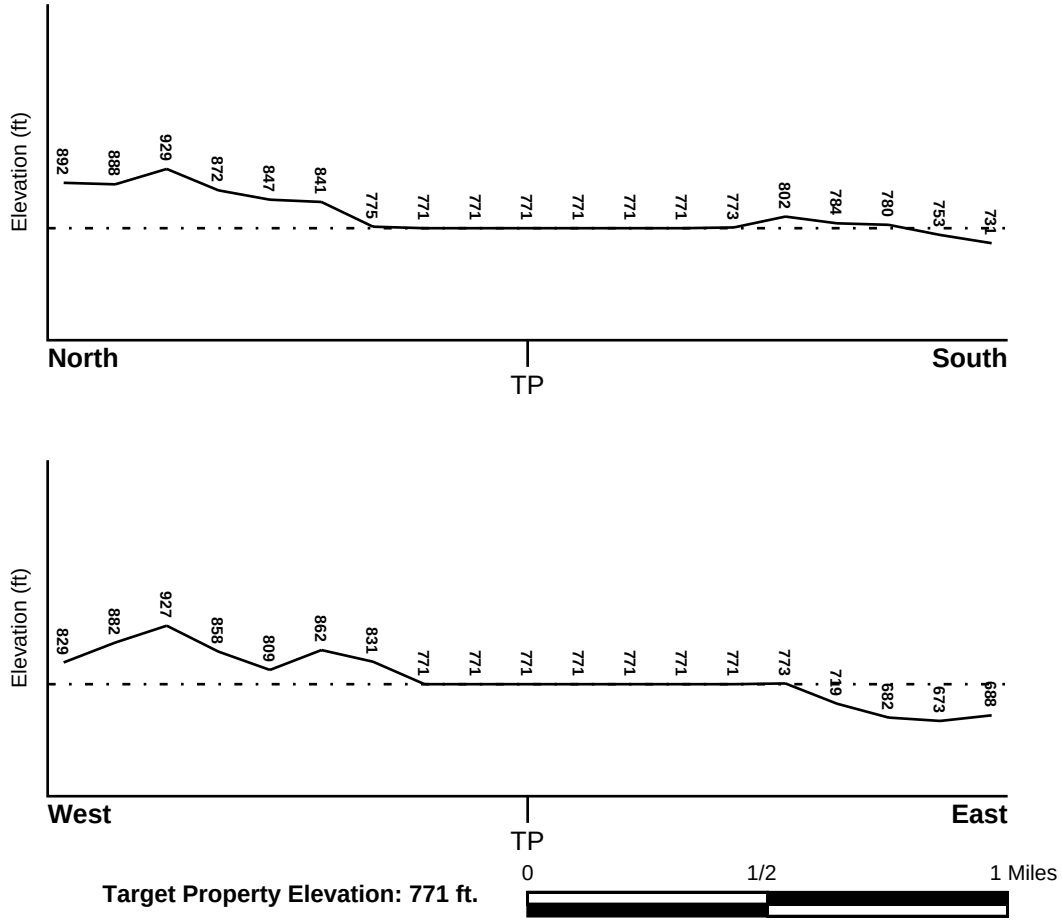
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General East

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
13077C0095D	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
Not Reported	

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
LOWELL	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

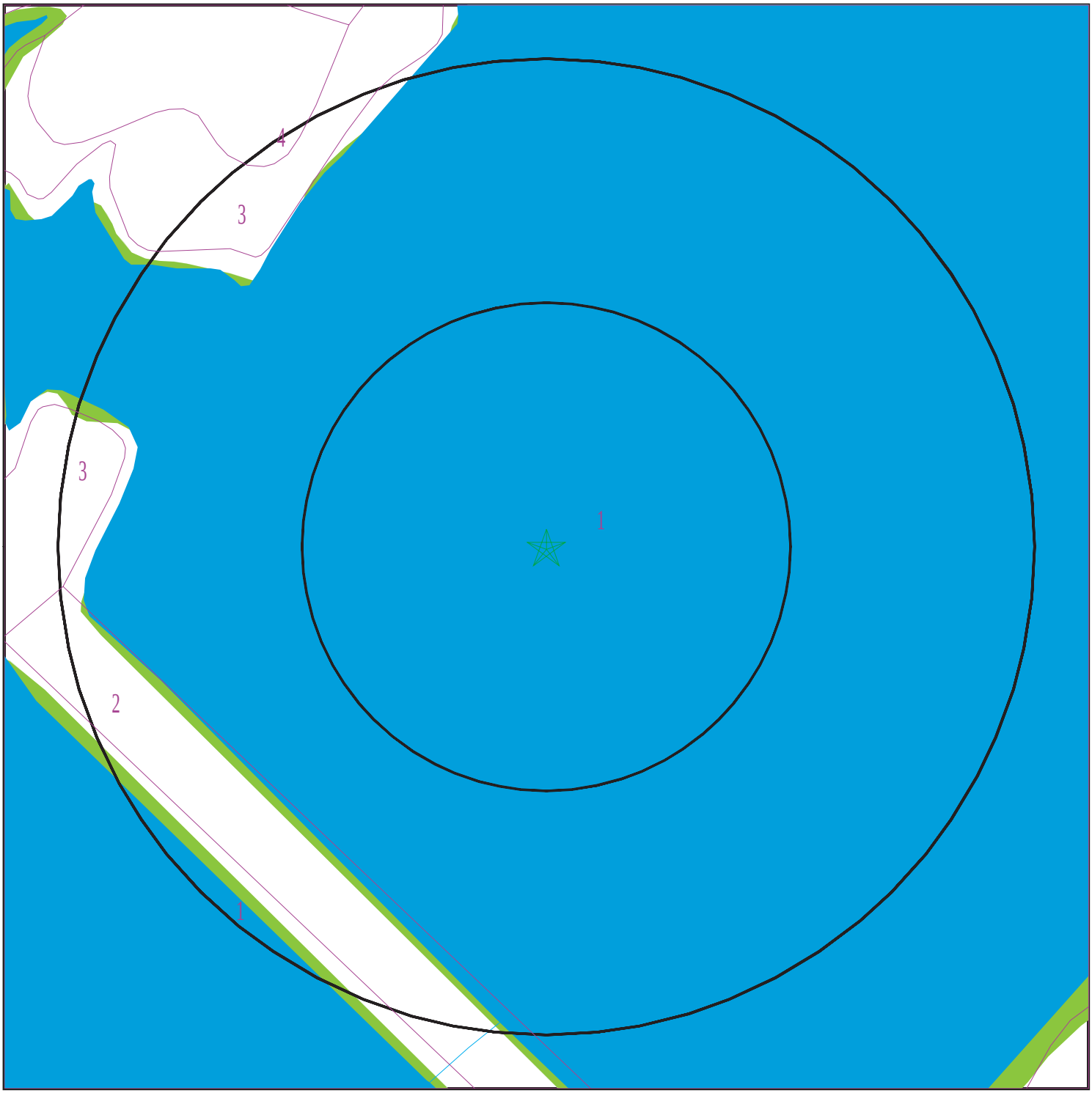
Era:	Paleozoic
System:	Pennsylvanian
Series:	Catacalastic rocks
Code:	cat *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Metamorphic Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 08146604.1r



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Plant Wansley	CLIENT:	Geosyntec Consultants
ADDRESS:	1371 Liberty Church Rd Franklin GA 30217	CONTACT:	Autumn Acree
LAT/LONG:	33.421477 / 85.043422	INQUIRY #:	08146604.1r
		DATE:	October 30, 2025 8:50 am

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Water

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 2

Soil Component Name: Dam

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 3

Soil Component Name: Louisa

Soil Surface Texture: weathered bedrock

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	16 inches	83 inches	weathered bedrock	Not reported	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6 Min: 4.5
2	0 inches	5 inches	gravelly fine sandy loam	Not reported	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6 Min: 4.5
3	5 inches	16 inches	gravelly loam	Not reported	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6 Min: 4.5

Soil Map ID: 4

Soil Component Name: Madison

Soil Surface Texture: gravelly fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	gravelly fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5
2	5 inches	35 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5
3	35 inches	51 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	2.000
Federal FRDS PWS	2.000
State Database	2.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	USGS40000263025	1/4 - 1/2 Mile SSE
A4	USGS40000263022	1/2 - 1 Mile SSE
B6	USGS40000262995	1/2 - 1 Mile SSW
C8	USGS40000263163	1 - 2 Miles NNE
D9	USGS40000262969	1 - 2 Miles SW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
E12	USGS40000262948	1 - 2 Miles SW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

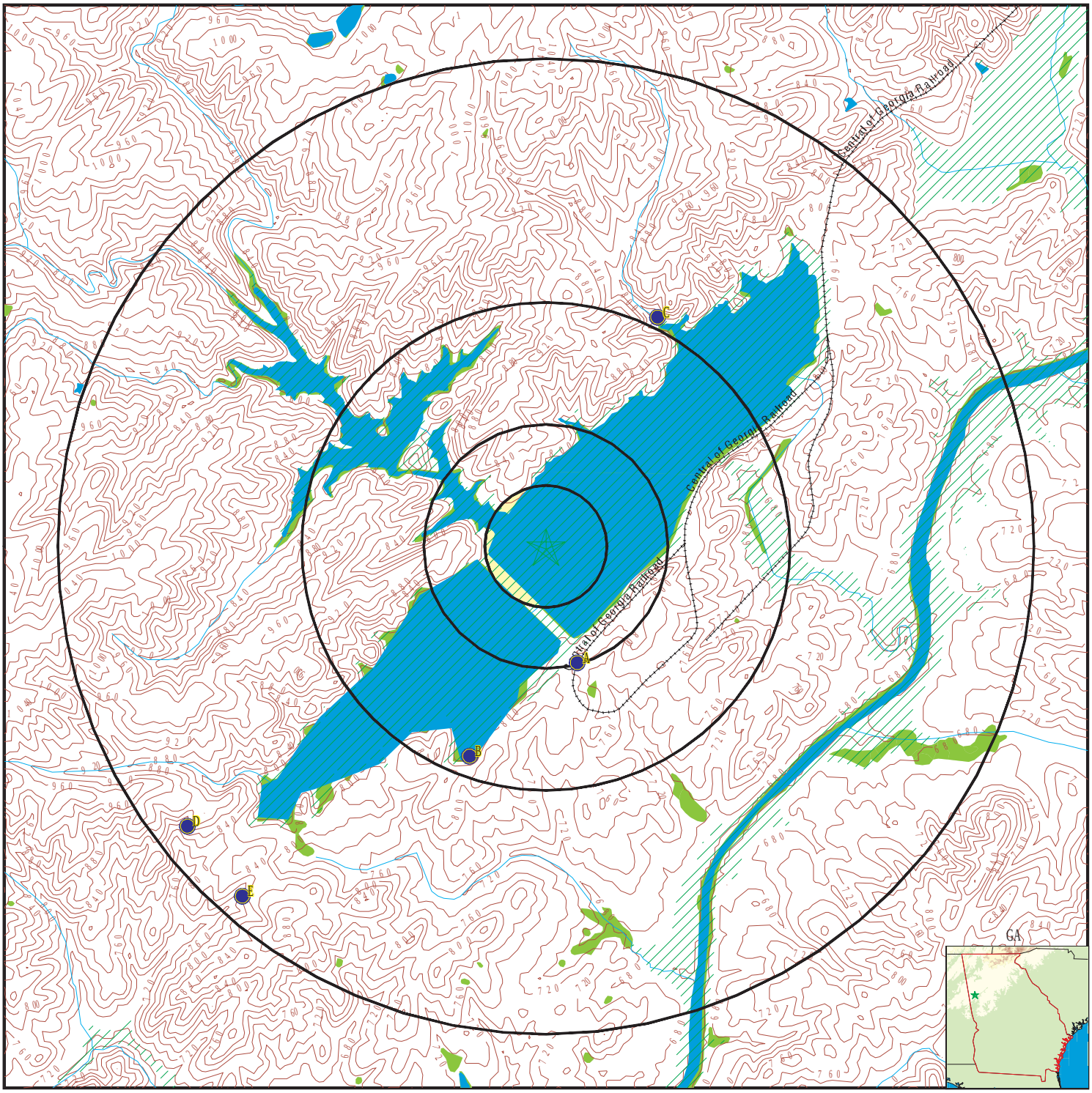
No PWS System Found

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	0000006110	1/4 - 1/2 Mile SSE
A3	0000006108	1/2 - 1 Mile SSE
B5	0000006106	1/2 - 1 Mile SSW
C7	0000001364	1 - 2 Miles NNE
D10	0000006105	1 - 2 Miles SW
E11	0000006104	1 - 2 Miles SW

PHYSICAL SETTING SOURCE MAP - 08146604.1r



County Boundary
Major Roads
Contour Lines
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

Groundwater Flow Direction
Indeterminate Groundwater Flow at Location
Groundwater Flow Varies at Location
100-year flood zone
500-year flood zone
National Wetland Inventory
Wildlife Areas

SITE NAME:	Plant Wansley	CLIENT:	Geosyntec Consultants
ADDRESS:	1371 Liberty Church Rd Franklin GA 30217	CONTACT:	Autumn Acree
		INQUIRY #:	08146604.1r
LAT/LONG:	33.421477 / 85.043422	DATE:	October 30, 2025 8:50 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
SSE **FED USGS** **USGS40000263025**
1/4 - 1/2 Mile
Higher

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	05BB31	Type:	Well
Description:	Not Reported	HUC:	03130002
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	1900
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

A2
SSE **GA WELLS** **0000006110**
1/4 - 1/2 Mile
Higher

County code:	149	Well num:	05BB31
Remarks:	Not Reported	Lat:	332454
Lon:	0850228	Latlon datum:	NAD27
Alt:	790	Alt datum:	NGVD29
Depth:	Not Reported	Depth to casing:	Not Reported
Casing dia:	Not Reported	Casing matl:	Not Reported
Depth to top:	Not Reported	Depth to bot:	Not Reported
Opening type:	Not Reported	Constr date:	Not Reported
Discharge:	Not Reported	Prim use:	U
Aquifer code:	Not Reported	Edr id:	0000006110

A3
SSE **GA WELLS** **0000006108**
1/2 - 1 Mile
Higher

County code:	149	Well num:	05BB30
Remarks:	GA POWER SOIL LAB WELL	Lat:	332450
Lon:	0850229	Latlon datum:	NAD27
Alt:	770	Alt datum:	NGVD29
Depth:	Not Reported	Depth to casing:	6
Casing dia:	Not Reported	Casing matl:	Not Reported
Depth to top:	Not Reported	Depth to bot:	Not Reported
Opening type:	Not Reported	Constr date:	1900
Discharge:	Not Reported	Prim use:	U
Aquifer code:	320CRSL	Edr id:	0000006108

A4
SSE **FED USGS** **USGS40000263022**
1/2 - 1 Mile
Higher

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	05BB30	Type:	Well
Description:	GA POWER SOIL LAB WELL	HUC:	03130002
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Crystalline Rocks	Aquifer Type:	Not Reported
Construction Date:	1900	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

B5
SSW
1/2 - 1 Mile
Higher

GA WELLS **0000006106**

County code:	149	Well num:	05BB29
Remarks:	GA PWR ASH POND ACID TANK	Lat:	332432
Lon:	0850256	Latlon datum:	NAD27
Alt:	810	Alt datum:	NGVD29
Depth:	35.45	Depth to casing:	Not Reported
Casing dia:	27.00	Casing matl:	C
Depth to top:	Not Reported	Depth to bot:	Not Reported
Opening type:	Not Reported	Constr date:	1900
Discharge:	Not Reported	Prim use:	Z
Aquifer code:	Not Reported	Edr id:	0000006106

B6
SSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000262995**

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	05BB29	Type:	Well
Description:	GA PWR ASH POND ACID TANK	HUC:	03130002
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	1900
Well Depth:	35.45	Well Depth Units:	ft
Well Hole Depth:	35.45	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1995-11-21
Feet below surface:	9.94	Feet to sea level:	Not Reported
Note:	Not Reported		

C7
NNE
1 - 2 Miles
Higher

GA WELLS **0000001364**

County code:	045	Well num:	05BB28
Remarks:	GA POWER RECREATION WELL	Lat:	332606
Lon:	0850208	Latlon datum:	NAD27
Alt:	780	Alt datum:	NGVD29
Depth:	400	Depth to casing:	45
Casing dia:	16.25	Casing matl:	Not Reported
Depth to top:	Not Reported	Depth to bot:	Not Reported
Opening type:	Not Reported	Constr date:	19850813
Discharge:	5	Prim use:	R
Aquifer code:	320CRSL	Edr id:	0000001364

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C8
NNE
1 - 2 Miles
Higher | **FED USGS** | **USGS40000263163**

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	05BB28	Type:	Well
Description:	Not Reported	HUC:	03130002
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Crystalline Rocks	Aquifer Type:	Not Reported
Construction Date:	19850813	Well Depth:	400
Well Depth Units:	ft	Well Hole Depth:	400
Well Hole Depth Units:	ft		

D9
SW
1 - 2 Miles
Higher | **FED USGS** | **USGS40000262969**

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	05BB25	Type:	Well
Description:	WARREN NASH	HUC:	03130002
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Crystalline Rocks	Aquifer Type:	Not Reported
Construction Date:	19920501	Well Depth:	380
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1995-10-25
Feet below surface:	21.38	Feet to sea level:	Not Reported
Note:	Not Reported		

D10
SW
1 - 2 Miles
Higher | **GA WELLS** | **0000006105**

County code:	149	Well num:	05BB25
Remarks:	WARREN NASH	Lat:	332417
Lon:	0850408	Latlon datum:	NAD27
Alt:	860	Alt datum:	NGVD29
Depth:	380	Depth to casing:	26
Casing dia:	6.25	Casing matl:	P
Depth to top:	26	Depth to bot:	380
Opening type:	X	Constr date:	19920501
Discharge:	1	Prim use:	H
Aquifer code:	320CRSL	Edr id:	0000006105

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
E11 **SW** **1 - 2 Miles** **Higher**	**GA WELLS**	**0000006104**

County code:	149	Well num:	05BB32
Remarks:	Not Reported	Lat:	332402
Lon:	0850354	Latlon datum:	NAD27
Alt:	830	Alt datum:	NGVD29
Depth:	Not Reported	Depth to casing:	24
Casing dia:	Not Reported	Casing matl:	C
Depth to top:	Not Reported	Depth to bot:	Not Reported
Opening type:	Not Reported	Constr date:	1900
Discharge:	Not Reported	Prim use:	U
Aquifer code:	Not Reported	Edr id:	0000006104

	Database	EDR ID Number
E12 **SW** **1 - 2 Miles** **Higher**	**FED USGS**	**USGS40000262948**

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	05BB32	Type:	Well
Description:	Not Reported	HUC:	03130002
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	1900
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for HEARD County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 30217

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.100 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Georgia GIS Clearinghouse
Telephone: 706-542-1581

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

A listing of Private Water Well locations
Georgia Department of Public Health
Telephone: (404) 657-2700
A listing of Private Water Well locations

Georgia Public Supply Wells
Source: Georgia Department of Community Affairs
Telephone: 404-894-0127

USGS Georgia Water Wells
Source: USGS, Georgia District Office
Telephone: 770-903-9100

DNR Managed Lands
Source: Department of Natural Resources
Telephone: 706-557-3032
This dataset provides 1:24,000-scale data depicting boundaries of land parcels making up the public lands managed by the Georgia Department of Natural Resources (GDNR). It includes polygon representations of State Parks, State Historic Parks, State Conservation Parks, State Historic Sites, Wildlife Management Areas, Public Fishing Areas, Fish Hatcheries, Natural Areas and other specially-designated areas. The data were collected and located by the Georgia Department of Natural Resources. Boundaries were digitized from survey plats or other information.

RADON

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

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